WATER QUALITY DATA
ONTARIO LAKES AND STREAMS
1984
VOLUME XX
SOUTHEASTERN REGION

AUGUST 1991

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Environment
Environnement

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WATER QUALITY DATA

ONTARIO LAKES AND STREAMS

1984

VOLUME XX
SOUTHEASTERN REGION

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Report prepared for:
Water Resources Branch
Ontario Ministry Of The Environment

AUGUST 1991

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INTRODUCTION

"Water Quality Data Ontario Lakes and Streams, 1984, Volume XX, Southeastern Region", is a revised version of the previously published series entitled "Water Quality Data for Ontario Lakes and Streams, 1981, Volume I-XVII", published by the Water Resources Branch of the Ontario Ministry of the Environment. The data presented in this publication were collected by the Water Resources Assessment Units of this Ministry's six Regional Offices (Figure 1) with the assistance of local Conservation Authorities. The information provided in this publication is compiled and published by the Watershed Management Section of the Water Resources Branch. The data result from a routine sampling program designed to provide a long-term record of the water quality information at specific points on rivers and inland lakes in Ontario.

Sampling station locations have been selected to meet one or more of the following requirements: (1) to measure quantitatively and qualitatively the materials discharged from tributary streams to the terminal basins; (2) to monitor the effects of wastewater discharges on a watercourse; (3) to provide data that can be considered generally representative of water quality conditions in a certain area.

The information is used by the Ontario Ministry of the Environment to maintain surveillance over water quality and to provide supporting data used in the analysis and prediction of water quality for planning and other purposes. The data are also made available to any person or agency concerned with the quality of Ontario's rivers and lakes. The booklet "Water Management Goals, Policies, Objectives and Implementation Procedures of the Ministry of the Environment", 1978 (Revised May, 1984) outlines the current policies for water management in Ontario.

Samples are analysed for some or all of the following parameters: counts of total and fecal coliforms, enterococci, Pseudomonas aeruginosa and escherichia coliforms, concentrations of biochemical oxygen demand, total phosphorus, filtered reactive phosphate, filtered ammonia, total Kjeldahl

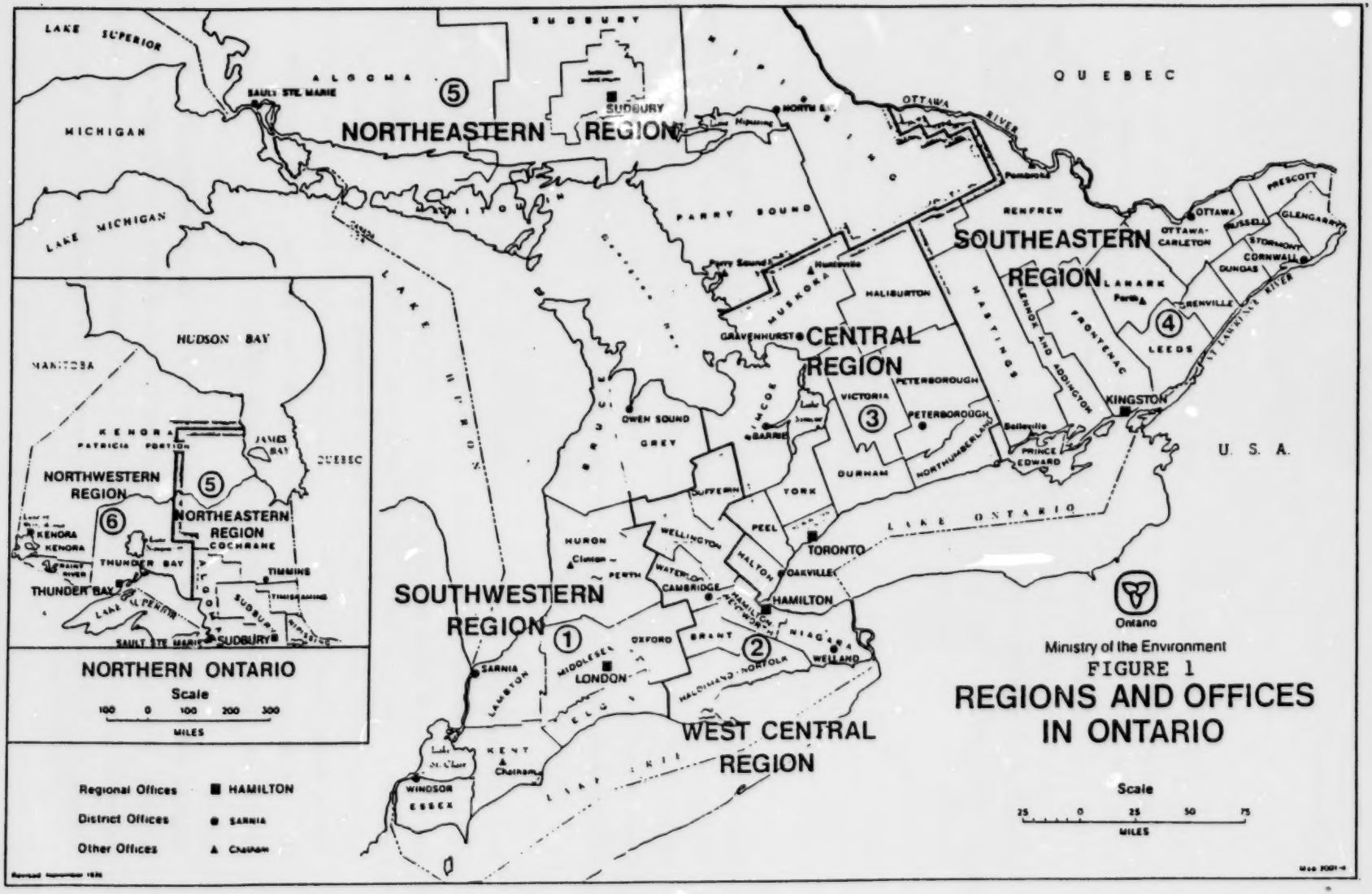


FIGURE 1

REGIONS AND OFFICES IN ONTARIO

nitrogen, filtered nitrite and nitrate forms of nitrogen; total suspended and dissolved solids; levels of conductivity and turbidity; concentrations of chlorides, sulphates, unfiltered reactive silicates, acidity, alkalinity; units of pH; concentrations of total iron, phenols, hardness, calcium, magnesium; units of colour; concentrations of potassium, sodium, total organic carbon, chemical oxygen demand, solvent extractables, arsenic, mercury, aluminium, chromium, copper, lead, cadmium, zinc, manganese, nickel, fluoride, cyanide and cobalt.

In addition, radiochemical analyses are conducted on selected samples and the results are expressed as levels of ionizing radiation (i.e. the number of nuclear disintegrations per second). Selected samples are analysed for some or all of the following radiochemical parameters: gross alpha, gross beta, radium-226, total uranium, cesium-137, cesium-134, cobalt-60, tritium and iodine 131.

Some samples are also analysed for some or all of the following synthetic organic parameters: concentrations of PCB, PCP and 2,4,5-T.

The water quality monitoring program commenced in July 1964 in Southern Ontario and currently consists of a total of 763 stations throughout Ontario. The following maps (figures 2 and 3) show the Southern and Northern Ontario Terminal Basins which are used to identify the sampling station locations. Definitions or brief descriptions are provided for the more common parameters of pollution under the section entitled Interpretation of Data.

Other water quality monitoring programs such as the Sport Fish Contaminant Monitoring Program which is co-ordinated by the Ontario Ministries of Natural Resources, Environment and Labour are not discussed in this publication. A summary of health implications of contaminants in fish with a listing of test results from each fish sampling location can be found in the Ministry publication, "Guide to Eating Ontario Sport Fish." This publication is updated annually and is available free of charge from the Ministry of the Environment, Water Resources Branch, 135 St. Clair Avenue West, Toronto, Ontario, M4V 1P5, telephone (416) 323-4994.

FIGURE 2

SOUTHERN ONTARIO TERMINAL BASINS

00 - BASIN IDENTIFICATION CODE

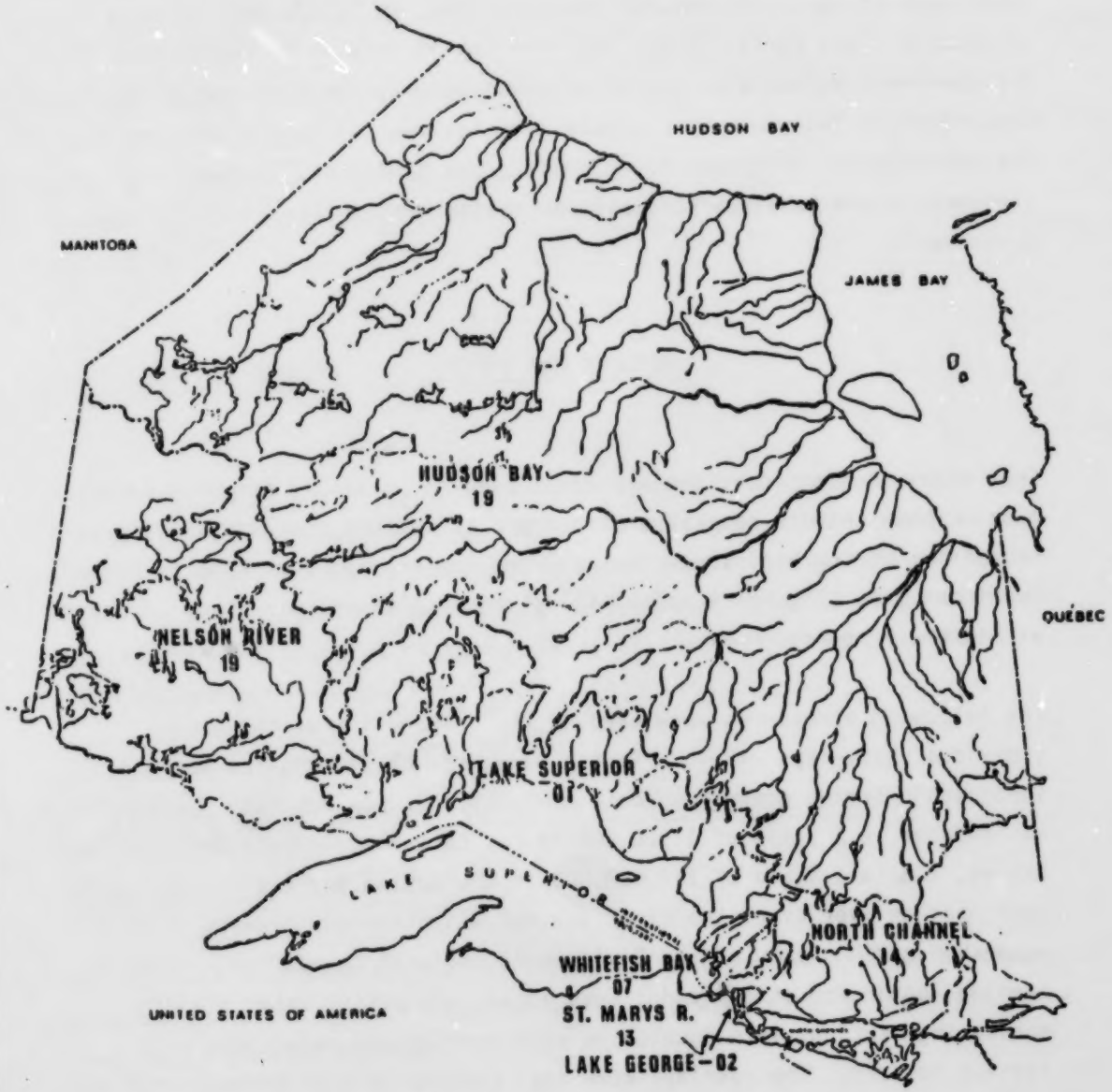


FIGURE 3

NORTHERN ONTARIO TERMINAL BASINS

19- BASIN IDENTIFICATION CODE

The streamflow station network in Ontario is not discussed in this publication. Whenever streamflow data exists at tributary locations which are coincident with the water quality monitoring station locations, data on mean daily discharges are reported along with the water quality data. The collection of hydrometric data in Ontario has been carried out under a Memorandum of Agreement between the Government of Canada and the Province of Ontario since April, 1975. The Province of Ontario is represented in the Agreement by the Ministry of the Environment, the Ministry of Natural Resources and Ontario Hydro. These agencies meet at regular intervals with the Water Survey of Canada to administer the Agreement. Streamflow data for Ontario are published annually as surface water data by the Federal Government.

NETWORK MAP SHEETS

Individual station locations are identified on specially prepared network maps. These network maps have been drawn to conform approximately to the boundaries of the Ministry's Regions, and are grouped according to Regions. Two index maps (Figures 4 and 5) illustrate individual map sheet coverages within the Province.

The following procedures were used in the preparation of the maps. Individual base maps within a Region were assembled using the National Topographic Series maps at a scale of 1:250,000. In northern Ontario, this was reduced to a scale of 1:500,000 in the Lake Superior and Nelson River basins, and to a scale of 1:2,000,000 in the Hudson Bay basin. For each base map, an overlay of the river systems was prepared, showing major watershed and Ministry of the Environment Regional boundaries. Numeric terminal basin and stream codes were added, and active water quality monitoring stations were located on each overlay and referenced with station numbers. The overlays were then reduced to approximately 40% of their original size for purposes of this publication.

The previously-mentioned terminal basin and stream code, when combined in sequence with a given station number, together form a unique station identifier which appears as the "Station ID". The "Station ID" is listed for all active monitoring stations in the "Sampling Station Directory", an alphabetical listing of terminal streams monitored in Southeastern Region (See Sampling Station Directory).

The location of stations in the Southeastern Region are shown in figures 6, 7,8 and 9. The locations of the other stations in the other regions and in other parts of Ontario such as those located on the Great Lakes or those operated by the Water Quality Branch, Ontario Region, Environment Canada, are not included.

INTERPRETATION OF DATA

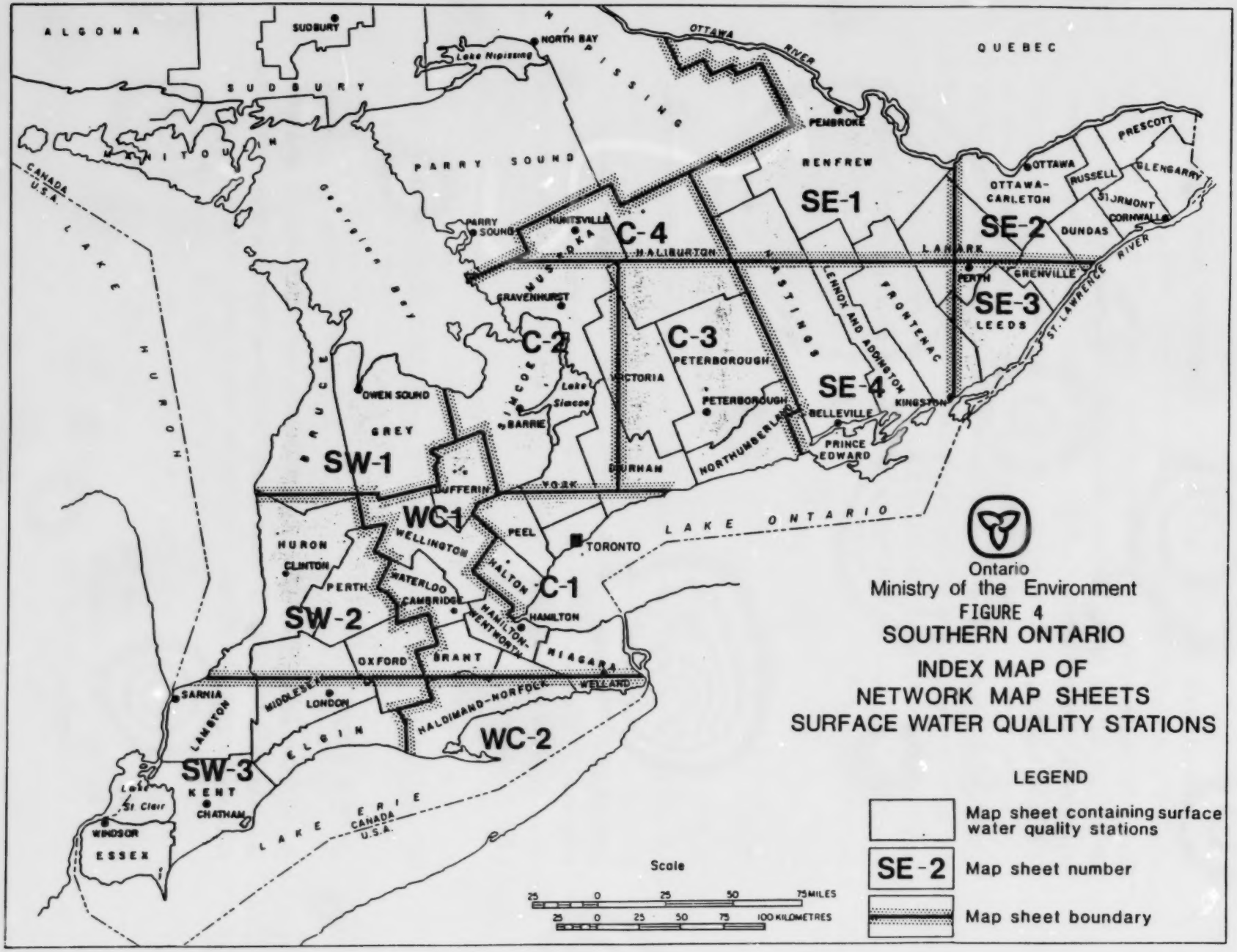
The definition of the parameters measured in the Provincial Water Quality Monitoring Program are listed in the following pages. The significance of each measurement in regard to specific water uses can be determined by referring to the booklet "Water Management, Goals, Policies, Objectives and Implementation Procedures of the Ministry of the Environment, November, 1978". (Revised, May 1984).

A. ANALYSES AND MEASUREMENTS CONDUCTED AT THE SAMPLING SITE

Stream Condition

The physical condition of the body of water is described from an on-site examination at the time of sampling and is represented by a one-digit number from one to zero as follows:

1. Stream dry
2. Frozen to stream bed
3. Stream in flood condition
4. Sampled through ice



Ontario
Ministry of the Environment

FIGURE 4

SOUTHERN ONTARIO
INDEX MAP OF
NETWORK MAP SHEETS
SURFACE WATER QUALITY STATIONS

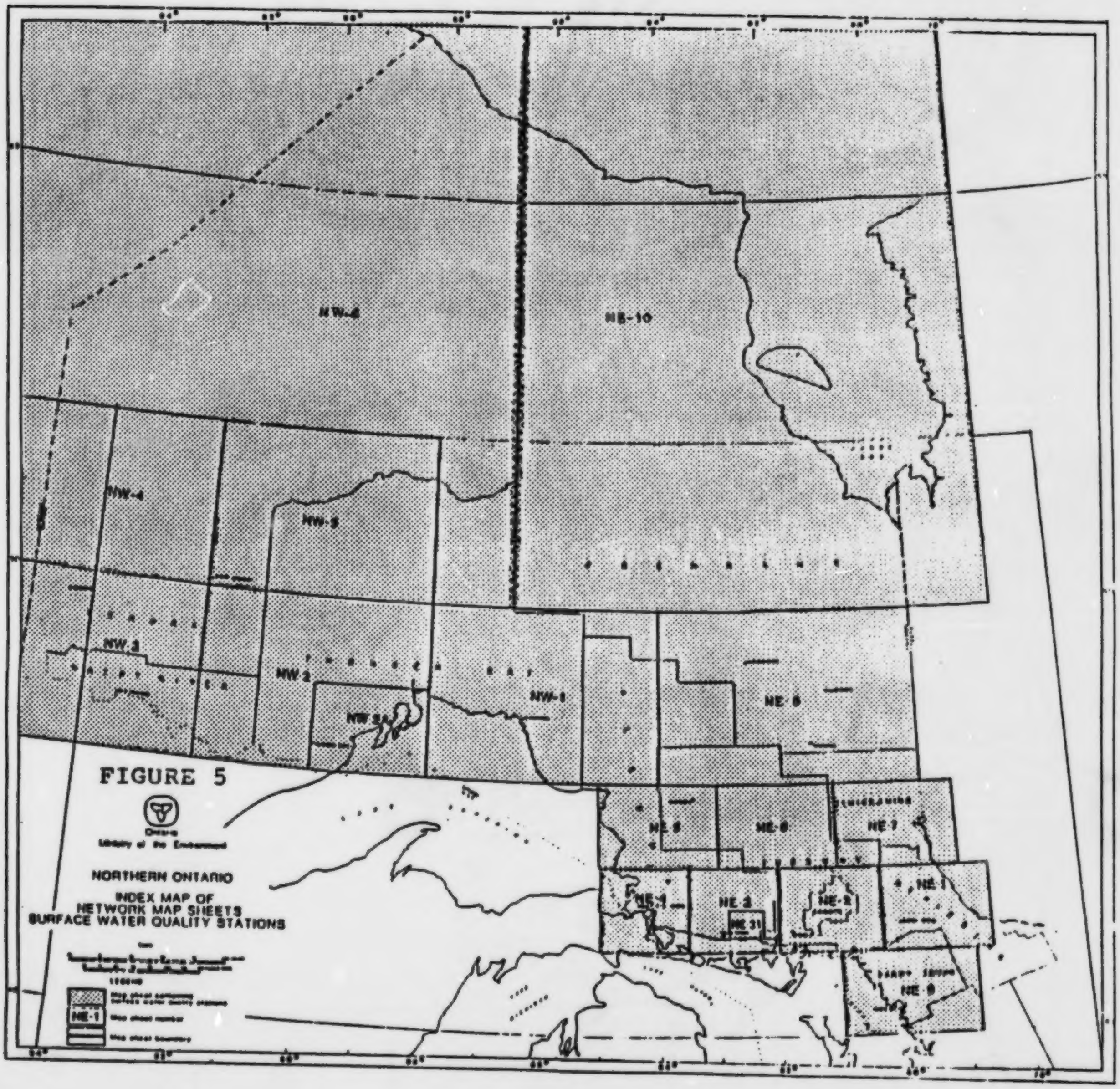
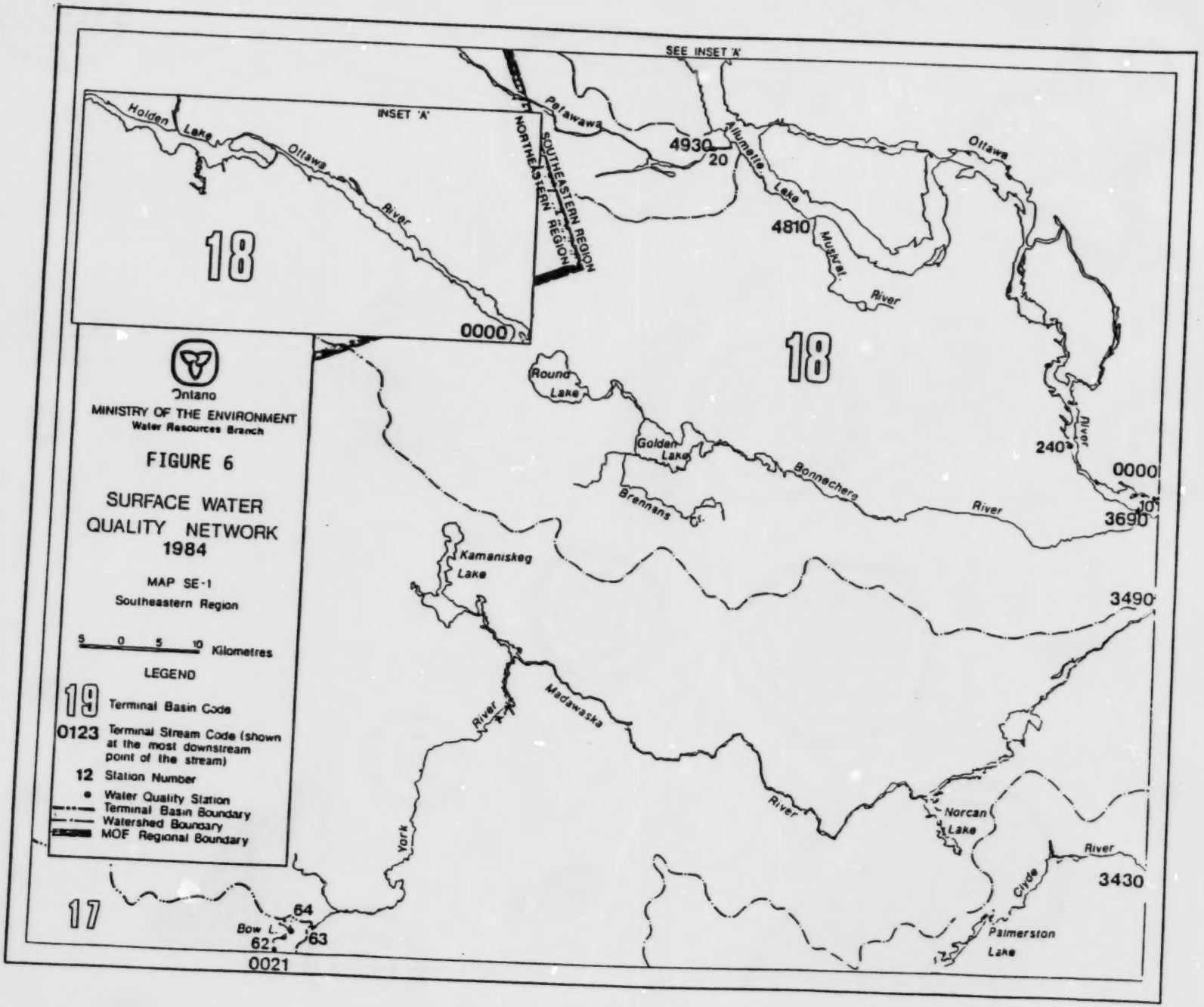
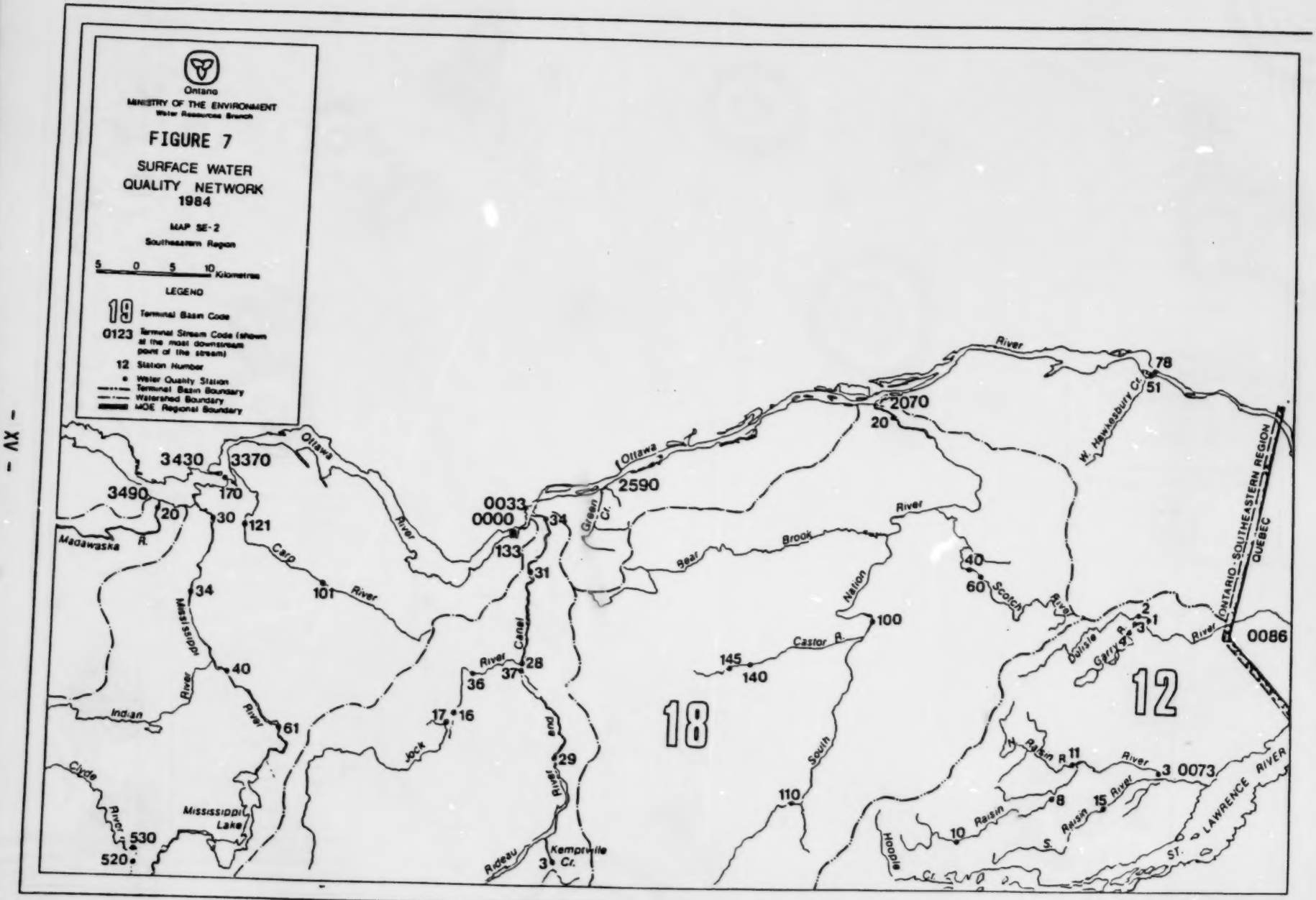
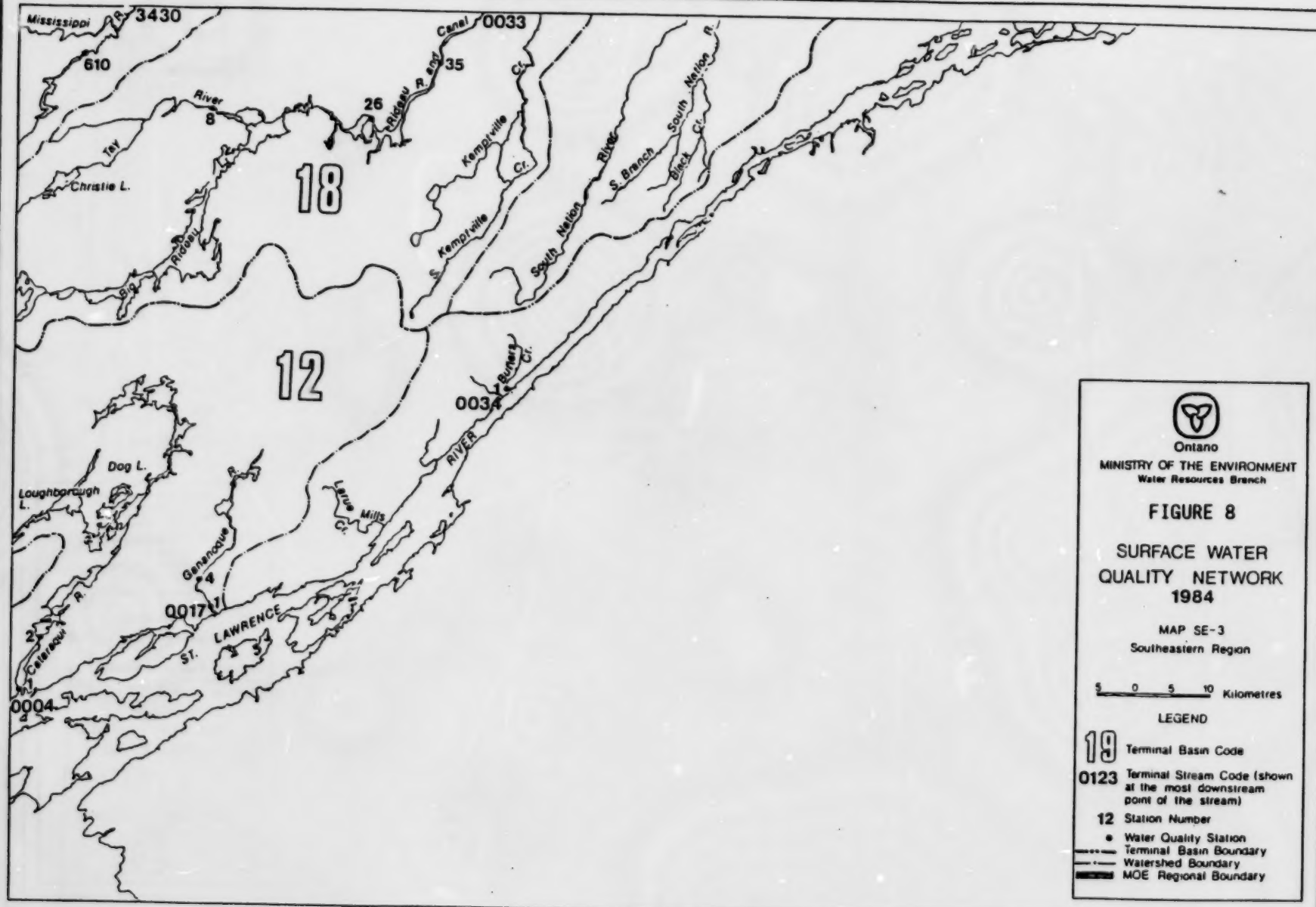
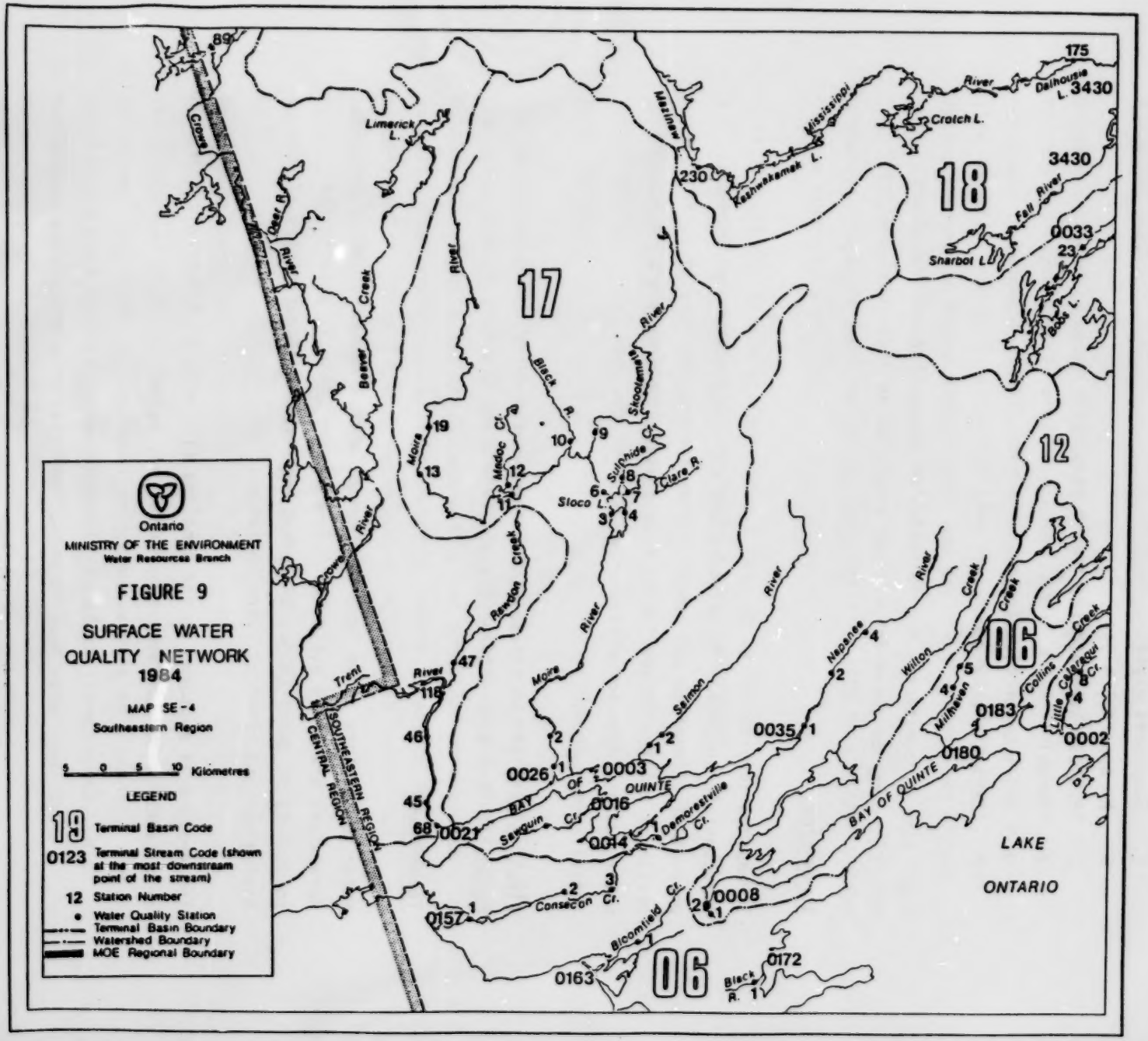


FIGURE 5
NORTHERN ONTARIO
INDEX MAP OF
NETWORK MAP SHEETS
SURFACE WATER QUALITY STATIONS
NW-6
NE-10
NW-4
NW-5
NW-3
NW-2
NW-2A
NW-1
NE-6
NE-5
NE-8
NE-7
NE-4
NE-3
NE-31
NE-2
NE-1
NE-9
NE-1


SEE INSET 'A'
INSET 'A'
Holden
Lake
Ottawa
River
18
0000
NORTHEASTERN REGION
SOUTHEASTERN REGION
Pefawawa
4930
20
Lake
4810
Muskrat
River
Ottawa
18
Round
Lake
Golden
Lake
Brennans
Creek
Bonnechere
River
240
0000
River
3690
Kamaniskeg
Lake
3490
Madawaska
River
York
River
Norcan
Lake
River
3430
Clyde
Palmerston
Lake
17
64
Bow L.
62
63
0021
Ontario
MINISTRY OF THE ENVIRONMENT
Water Resources Branch
FIGURE 6
SURFACE WATER
QUALITY NETWORK
1984
MAP SE-1
Southeastern Region
5 0 5 10 Kilometres
LEGEND
19 Terminal Basin Code
0123 Terminal Stream Code (shown at the most downstream point of the stream)
12 Station Number
Water Quality Station
Terminal Basin Boundary
Watershed Boundary
MOF Regional Boundary


Ontario
MINISTRY OF THE ENVIRONMENT
Water Resources Branch
FIGURE 7
SURFACE WATER QUALITY NETWORK 1984
MAP SE-2
Southeastern Region
5 0 5 10 Kilometres
LEGEND
19 Terminal Basin Code
0123 Terminal Stream Code (shown at the most downstream point of the stream)
12 Station Number
Water Quality Station
Terminal Basin Boundary
Watershed Boundary
MOE Regional Boundary
ONTARIO-SOUTHEASTERN REGION
QUEBEC
18
12
Ottawa River
Madawaska R.
Mississippi River
Indian River
Clyde River
Mississippi Lake
Carp River
Jock River
Rideau River
Kemptville Cr.
Green Cr.
Bear Brook
Castor R.
South Nation River
Scotch River
W. Hawkesbury Cr.
Dutisle R.
Garry R.
N. Raisin R.
S. Raisin River
Hoople Cr.
ST. LAWRENCE RIVER
3430
3370
3490
170
20
30
121
101
34
40
61
530
520
0033
0000
133
31
28
37
36
17
16
29
3
2590
2070
20
78
51
40
60
100
145
140
110
2
1
3
4
0086
11
3 0073
8
15
10


Mississippi R.
3430
610
Tay River
8
Christie L.
Big Rideau
26
Rideau R. and Canal
0033
35
Kemptville Cr.
S. Kemptville Cr.
South Nation River
S. Branch South Nation R.
Black Cr.
18
12
Burners Cr.
0034
RIVER
Larue Mills Cr.
Dog L.
Loughborough L.
Gananoque R.
4
0017
1
2
Cataraqui R.
ST. LAWRENCE
5
0004
Ontano
MINISTRY OF THE ENVIRONMENT
Water Resources Branch
FIGURE 8
SURFACE WATER QUALITY NETWORK 1984
MAP SE-3
Southeastern Region
5 0 5 10 Kilometres
LEGEND
19 Terminal Basin Code
0123 Terminal Stream Code (shown at the most downstream point of the stream)
12 Station Number
Water Quality Station
Terminal Basin Boundary
Watershed Boundary
MOE Regional Boundary


Ontario
MINISTRY OF THE ENVIRONMENT
Water Resources Branch
FIGURE 9
SURFACE WATER QUALITY NETWORK 1984
MAP SE-4
Southeastern Region
5 0 5 10 Kilometres
LEGEND
19 Terminal Basin Code
0123 Terminal Stream Code (shown at the most downstream point of the stream)
12 Station Number
Water Quality Station
Terminal Basin Boundary
Watershed Boundary
MOE Regional Boundary
17
18
12
06
06
LAKE ONTARIO
BAY OF QUINTE
SOUTHEASTERN REGION
CENTRAL REGION
Crowe River
Deer R.
Beaver Creek
Limerick L.
Moira River
Medoc Cr.
Black R.
Skootamata River
Sulphide Cr.
Clare R.
Sloco L.
Rawdon Creek
Trent River
Salmon River
Napanee River
Wilton Creek
Millhaven Creek
Collins Creek
Little Cataraqui Cr.
Sawguin Cr.
Demorestville Cr.
Consecon Cr.
Bloomfield Cr.
Black R.
Mazinaw L.
Kashwakamak L.
Mississippi River
Crotch L.
Dalhousie L.
Fall River
Sharbot L.
Boos L.
0033
0035
0002
0003
0008
0014
0016
0021
0026
0157
0163
0172
0180
0183
3430
175
230
89
47
118
46
45
68
19
13
12
11
10
9
8
7
6
5
4
3
2
1
23

5. Suspended algae
6. No apparent algae
7. Profuse weed growth
8. Normal
9. Oil scum or floating matter
0. Objectionable odours

Under some circumstances a combination of up to three of the above conditions may be shown for a given sample at an individual station.

Streamflow

Streamflow information at or near a water quality monitoring site is an important factor when interpreting and employing water quality data. The product of streamflow and concentration defines the mass of material passing a point. Streamflow is also a useful reference when comparing water quality data for different periods of the year (e.g., spring flood versus summer drought).

Flows in many of the streams sampled are measured by the Water Survey of Canada, Inland Waters Directorate, Environment Canada.

Temperature

Water temperature is an important factor when a number of water quality parameters are being evaluated. Temperature directly affects the solubility of gases (e.g., dissolved oxygen) and significantly affects biological and chemical reaction rates.

Temperature is measured at the sampling site with an electronic thermistor or a mercury thermometer.

Dissolved Oxygen

Dissolved oxygen in water originates directly from the atmosphere or through photosynthesis in aquatic plants. Ample dissolved oxygen is necessary to maintain satisfactory conditions for fish and other biological life in water. Organic wastes and some inorganic materials exert, upon decomposition, an oxygen demand which may deplete the dissolved oxygen below levels required by aquatic life.

Dissolved oxygen is measured at the sampling site with an electronic meter or by a chemical titration.

B. ANALYSES AND MEASUREMENTS CONDUCTED AT THE LABORATORY

1. MICROBIOLOGICAL ANALYSES

Total Coliform

The Membrane Filter (MF) technique is used to obtain an approximation of the concentration of total coliform organisms. These organisms are normal inhabitants of soils and the intestines of man and other warm-blooded animals. They are always present in large numbers in sewage and fecal matter, and are often found in watercourses adjacent to industrial, agricultural and other pollution sources.

Results are reported as MF count per 100 mL of sample.

Background Count

The background count estimates the number of organisms, other than coliforms, that occur in the total coliform analysis of a sample. The results are used in the interpretation of total coliform counts. High background counts are generally indicative of poor water quality.

Fecal Coliform and Fecal Streptococcus (Enterococcus) Organisms

Fecal coliform and Enterococcus organisms are generally found in the alimentary tract of warm-blooded animals. They are indicative of sanitary waste intrusion and/or fecal contamination from warm-blooded animals.

Pseudomonas aeruginosa

Pseudomonas aeruginosa are pathogens found in sewage that can be readily isolated. These organisms are sometimes found in bathing waters and are the major pathological agent in otitis externa (earaches) and skin infections.

Escherichia Coliform (E. Coli)

E. Coli is the predominant, facilitative bacterial species in the large bowel and is thus the coliform most directly related to fecal pollution. E. Coli is occasionally pathogenic to man (e.g., urinary tract infections) but is primarily an indicator organism in water bacteriology.

2. CHEMICAL AND PHYSICAL ANALYSES

Biochemical Oxygen Demand (BOD)

In itself, BOD is not a pollutant and presents no direct harm to the aquatic environment. It is, however, a measure of the unstable organic matter present in water which, through aerobic decomposition, oxidizes to a stable inorganic form utilizing the oxygen resources of a watercourse. The level of BOD is an important parameter in assessing the potential concentrations of dissolved oxygen in water.

Five-day biochemical oxygen demand (BOD_5) is a laboratory measurement of the amount of oxygen consumed in a sample incubated for five days at 20°C.

Total Phosphorus

Phosphorus is a primary nutrient for plant and animal life and like nitrogen passes through cycles of decomposition and photosynthesis. This element is commonly found in nature in the form of inorganic phosphates and organically bound phosphorus. Total phosphorus includes orthophosphate, condensed phosphates and organically bound phosphorus in both the dissolved and particulate form. Untreated or treated sewage, some industrial wastes and agricultural and urban drainage contain significant concentrations of phosphorus.

Although there is no firm criterion for phosphorus, it is generally considered that to eliminate excessive plant growths in rivers and streams, total phosphorus should not exceed 0.03 mg/L. To avoid nuisance concentrations of algae in lakes, average total phosphorus concentrations for the ice-free period should not exceed 0.02 mg/L.

Filtered Reactive Phosphate

Filtered reactive phosphate is that phosphorus which passes through a 1-2 micrometre filter and responds to a colorimetric orthophosphate determination. It is a combination of simple orthophosphate and readily hydrolized phosphate primarily in the dissolved form.

Filtered reactive phosphate is generally considered to be readily available for aquatic plant growth.

Filtered Ammonia Nitrogen

Filtered ammonia nitrogen (ammonia NH_3 and ammonium NH_4^+) is the soluble product in the anaerobic decomposition of nitrogenous organic matter. It is also formed when nitrites and nitrates are reduced either biologically or chemically. Small amounts of ammonia nitrogen may be taken out of the atmosphere by rain water.

Total Kjeldahl Nitrogen

Total Kjeldahl nitrogen is a measure of the total nitrogenous matter present, excluding nitrate and nitrite. The total Kjeldahl nitrogen concentration, less the ammonia nitrogen concentration, gives a measure of the organic nitrogen present.

Ammonia and organic nitrogen are important in assessing the availability of nitrogen for biochemical utilization.

Filtered Nitrite

Nitrite is an intermediate oxidation product of ammonia and also an intermediate form in the denitrification process from nitrate to nitrogen gas. The significance of nitrites, therefore, varies with their amount, source and relation to other constituents of samples (notably the relative magnitude of ammonia and nitrate present).

Since nitrite is rapidly and easily converted to nitrate, its presence in concentrations greater than a few micrograms per litre is generally indicative of active biological processes in the water.

Filtered Nitrate

Nitrate is the end product of the stabilization of organic nitrogen which occurs primarily through aerobic biochemical processes. Nitrate is usually found in polluted waters that have undergone some degree of self-purification. Nitrates can also occur in watercourses intercepting drainage from fertilized agricultural areas.

Nitrogen in the form of nitrate is readily utilized by aquatic plants and algae.

Inorganic Nitrogen

Inorganic nitrogen is a calculated value and represents the sum of the concentrations of filtered ammonia nitrogen and filtered (nitrate plus nitrite) nitrogen.

Organic Nitrogen

Organic nitrogen is a calculated value and represents the difference between the concentrations of total Kjeldahl nitrogen and filtered ammonia nitrogen.

Total Nitrogen

Total nitrogen is a calculated value and represents the sum of the concentrations of total Kjeldahl nitrogen and filtered (nitrate plus nitrite) nitrogen. Nitrogen is a common constituent of decomposition products, treated sewage, fertilizers and industrial discharges. Nitrogen compounds are present in most plant and animal materials.

Solids

Total solids, suspended and dissolved solids are presented as separate parameters in this report. The solids analyses are gross measurements of the amounts of particulate matter and dissolved materials found in water. Solids enter the watercourse from virtually every source, the most familiar being sewage treatment plant effluents, municipal storm drainage, industrial discharges and soil erosion.

Solids significantly affect water uses. Highly turbid water is undesirable for municipal and industrial supply, fish and aquatic life, recreation and aesthetics. Suspended solids can also transport significant quantities of organic and inorganic trace contaminants.

Conductivity

The conductivity test provides a measure of the electrolytic properties of water. The presence of dissolved ions (in solution) such as chlorides, sulphates and calcium, renders water conductive. Conductance, the reciprocal of resistance, is recorded in the unit mho and in order to avoid inconvenient decimals, data are reported in micromhos per cubic centimetre. In many waters there is a direct linear relationship between dissolved solids concentrations and conductivity.

Conductivity serves as a control parameter and is an excellent indicator of water-quality changes since it is relatively sensitive to variations in dissolved-solids concentrations.

Turbidity

The turbidity of water is attributable to suspended and colloidal matter such as micro-organisms, detritus, clay and other mineral substances which reduce clarity and diminish the penetration of light.

Turbidity is undesirable in surface waters used for domestic and industrial supply and for recreation. Often some of the suspended matter has to be removed to prevent interference with disinfection processes and abrasion to equipment. By interfering with the penetration of light, turbidity can seriously affect aquatic biological communities.

Chlorides

Chlorides are found in practically all natural waters. They may be of natural mineral origin but in general the largest contributions can be traced to domestic sewage discharge, municipal storm drainage, road salting, and industrial wastes.

While not harmful to health in moderate quantities, high concentrations of chlorides make water unfit for municipal and industrial supplies and livestock watering. In addition to imparting an objectionable taste to water, high chloride levels are responsible for increased corrosiveness of water. Furthermore, chloride, being toxic to many plants, may render water undesirable for irrigation.

Sulphate

Sulphates may occur naturally in waters and may be contained in industrial wastes. They are produced from the final oxidation stage of sulphides, sulphites and thiosulphates. Sulphates, under anaeorbic conditions, can be reduced to hydrogen sulphide which is malodorous (the odour of rotten eggs) and highly corrosive.

Sulphide

Sulphide is formed by bacterial reduction of sulphate and organic sulphur compounds under anaerobic conditions. It is therefore, commonly found in domestic wastewater, industrial wastewater, sludges, hypolimnions of stratified lakes and any other aquatic systems where anaerobic conditions prevail. As a result, concentrations in surface waters are negligible.

Unfiltered Reactive Silicate

Silicon occurs in sand or quartz as silica and as silicates in feldspar, kaolinite and other minerals. Silicon dioxide, or silica, is insoluble in waters or acids, except hydrofluoric acid, but it may occur in natural waters as finely divided or colloidal suspended matter. Silica is widely employed in industry for making glass, silicates, ceramics abrasives, enamels, petroleum products.

In concentrations found in natural and treated waters, silica or silicates have no adverse physiological effects. Silicates are essential to the growth of many aquatic organisms.

The data which appear under the heading "Reactive Silicate" should properly be referred to as "Unfiltered Reactive Silicate" and are reported as Silicon (Si). Data in this series of publications prior to 1975 were reported as Silica (SiO_2).

Acidity

Acidity in surface or ground waters may be attributable to natural causes, such as humic acids extracted from swamps or peat beds, or industrial wastes such as pickling liquors, effluent from the manufacture of explosives, acid mine drainage or sulphite waste liquors. It may also be affected by atmospheric inputs.

Acidity is best interpreted in conjunction with the pH and alkalinity, as well as any other analyses which identify the acidic components of water.

Alkalinity

Alkalinity is a measure of a waterbody's capacity to neutralize an acid. The alkalinity of natural waters is caused by three major classes of materials which may be ranked in order of their effect on pH as follows:

1. Hydroxides (rarely present in Ontario)
2. Carbonates
3. Bicarbonates and other salts of weak acids

The alkalinity of water has little sanitary significance but is of importance in water and waste treatment practices. Waters with high alkalinity under natural conditions are undesirable because of their associated excessive hardness.

pH

The symbol pH is used to designate the logarithm (base 10) of the reciprocal of the hydrogen-ion concentration. It is an index of the acidity or alkalinity of the solution. The practical pH range extends from 0, very acidic, to 14, very alkaline, with the middle value of pH 7 corresponding to exact neutrality at 25°C.

The pH is important in determining the appropriate treatment of water supplies.

Iron

Iron is one of the most abundant elements in the earth's crust and it is a constituent of many industrial wastes.

When sufficient iron is added to water in the form of salts (chlorides, nitrates, sulphates), ferrous to ferric precipitates (iron hydroxides) tend to form, causing low pH values which are toxic to aquatic life. Iron in water may also result in the growth of iron bacteria causing unpalatable taste, discolouration of cloths and plumbing fixtures, and the formation of scales in water mains.

Phenols

The phenolic compounds, collectively referred to as phenols, are those hydroxyl derivatives of benzene or its condensed nuclei, which are determined by the 4-amino antipyrene method. The results are reported from many industrial processes and may also be released from aquatic plants and decaying vegetation.

Depending on the concentration, the presence of phenolic compounds may be toxic to fish, and may taint the flesh of fish. Phenols in very minute concentrations will combine with chlorine to produce tastes and odours which are usually described as medicinal or chemical.

Hardness

Water hardness relates to a water's capability to produce lather from soap. The higher the hardness, the less lather will be formed. Hardness in water is caused by dissolved divalent metal ions, calcium and magnesium being the most common. Natural hardness occurs most frequently in limestone areas. The limestone is dissolved by contact with ground and surface water and releases calcium and magnesium ions and traces of contaminant metals.

Hard water, though not considered a health hazard, is undesirable for industrial and domestic water supplies because it has a number of detrimental effects, the most common being the formation of scale in boilers, pipes and water heaters, excessive soap consumption in home and commerical laundering, and adverse affects in textile, plating and canning industries.

Results appear under either the heading "Hardness" and "Calculated Hardness", depending on the analytical procedure. The former results are obtained through titration with ethylenedi-aminetetra-acetic acid (EDTA), the latter by calculation from magnesium (Mg) and calcium (Ca) results determined by Atomic Absorption Spectrophotometry (AAS).

Calcium

Calcium is relatively abundant in the earth's crust and readily soluble in water so that calcium salts and calcium ions are among the most commonly encountered substances in water. They may result from the leaching of soil and may be contained in sewage and industrial wastes.

Excessive calcium and magnesium in drinking water have been implicated as factors predisposing to the formation of concretions in the body, such as kidney, or bladder stones. On the other hand, there is also evidence of adverse physiological effects from an insufficiency of calcium in water. The calcium ion is a major contributor to hardness and is often responsible

for boiler scale deposits on cooking utensils and excessive soap requirements in washing and laundering. Where water is used for irrigation, calcium is beneficial to plant growth.

Magnesium

Magnesium is an abundant element and a common constituent of natural waters. Magnesium ranks with calcium as a major cause of hardness. The effects of magnesium of water used for consumption and irrigation are generally the same as those of calcium. Magnesium is considered relatively non-toxic to man and not a public health hazard because before toxic concentrations are reached in water, the taste becomes quite unpleasant.

Colour

Colour in water may be of natural mineral or vegetable origin caused by metallic substances such as iron and manganese compounds, humus material, peat, tannins, algae, weeds, and protozoa. Waters may also be coloured by inorganic or organic soluble wastes from industries, such as steelworks, mining, refining, pulp and paper, chemicals, and others. Returned irrigation water also contributes to colour.

Colour from natural origin is not considered harmful from a health standpoint. However, in domestic water, colour is undesirable because of aesthetic considerations.

Potassium

Potassium occurs in many minerals and potassium salts exist in natural waters as a result of contact with potassium-bearing soils and the introduction of certain industrial wastes. The common salts of potassium are highly soluble in water. They resist separation from water by natural processes other than evaporation.

In limited concentrations, potassium is an essential nutrient. Excessive amounts of certain potassium salts in drinking water, however, have detrimental effects on human digestive and nervous systems.

Sodium

Sodium salts are common to all natural waters and may be present in high concentrations in wash waters softened by exchanging calcium and magnesium ions for sodium. Sodium is also found in many industrial process effluents, domestic wastes and salts used in road de-icing.

Concentration of salts such as sodium chloride impact objectionable tastes and may render water unpalatable.

Total Organic Carbon (TOC)

Total organic carbon (TOC), the most significant carbon measurement from a water-quality assessment viewpoint, is the arithmetic difference between total carbon (TC) and total inorganic carbon (TIC).

Total organic carbon usually has a direct relationship with Biochemical Oxygen Demand (BOD) and Chemical Oxygen Demand (COD) values, but the relationship varies with the composition of the organic material present. The carbon tests are rapid and suitable for the evaluation of organic pollution levels, assessment of waste treatment efficiencies and to a limited extent, the potential demand of a waste discharge on the oxygen resources of a water body.

Dissolved Organic Carbon (DOC)

The organic content of lakes and rivers depends primarily on the products of plants and animals which those water bodies support. Most of the organic carbon in water is composed of humic substances and partly degraded plant and animal materials, some of which is resistant to microbial degradation. Runoff from agricultural land and industrial discharge from

industries such as pulp and paper will add organic carbon to the water. The degradation of large amounts or organic matter causes depletion of the dissolved oxygen concentration and hence, organic carbon is also measured on sewage and industrial waste samples.

Chemical Oxygen Demand (COD)

The chemical oxygen demand is used in measuring the strength of sewage and industrial wastes. The major advantage of this test is that laboratory results can be obtained in about three hours compared to five days for the five-day biochemical oxygen demand test. The chief limitation of the COD analysis is its inability to differentiate between biologically oxidizable and biologically inert organic matter. The COD almost always exceeds the biochemical oxygen demand.

Solvent Extractables

The solvent extractable test measures the total quantity of substances present in a water sample that is readily soluble in an appropriate organic solvent. Such substances include fatty acids, petroleum products, oils, greases and resins. They are generally found in effluents of oil refineries, meat packing plants, slaughter houses, dairies, canneries, and a variety of other industries.

Solvent soluble materials greatly increase the oxygen depletion rate in receiving waters and will hinder oxygen exchange with the atmosphere by forming slicks.

Arsenic

Arsenic may occur, naturally, to a small extent, mostly as sulphides and as arsenides of metals. Elemental arsenic is insoluble in water but many of the arsenates are highly soluble. Highest levels of arsenic in Ontario are found in watercourses downstream of wastewater discharges from metal smelting operations.

Arsenic is very toxic to humans and the trivalent forms are largely retained in the body tissues. Low concentrations of arsenic stimulate plant growth but higher concentrations destroy chlorophyll in the foliage.

Mercury

Mercury may occur naturally as a free metal or as mercuric salts, the most common being cinnabar, HgS. Both elemental mercury and HgS are insoluble in water and are not likely to occur as water pollutants. Many synthetic organic salts of mercury are used commercially and these salts are highly soluble in water.

Mercury is cumulative and toxic to humans and can be concentrated and transferred up the food chain to a point where commercial and game fish may become unsuitable for human consumption. Micro-organisms can methylate inorganic mercury under both aerobic and anaerobic conditions to produce a more toxic substance.

Aluminium

Aluminium occurs in many rocks and ores but never as a pure metal in nature. In streams, the presence of aluminium ions may result from industrial wastes or more likely from wash water from water treatment plants.

Chromium

Few waters contain chromium from natural sources since chromium is generally present in rocks and soils as insoluble chromic oxide which is strongly sorbed to particulate matter. Chromate or dichromate salts are used extensively in metal pickling and plating operations, in anodizing aluminium, in the leather industry as a tanning agent, and in the manufacture of paints, dyes, explosives, ceramics, paper and many other

substances. Chromic or chromite salts on the other hand, are used much less extensively, being employed as mordants in textile dyeing, in the ceramic and glass industry and in photography. Chromium compounds may be present in wastes from many of these industries or may be discharged in chromium-treated cooling waters where the chromium is used as a corrosion inhibitor.

There is no evidence that chromium salts are essential or beneficial to human nutrition. Salts of trivalent chromium are not considered to be physiologically harmful; however, large doses of chromates lead to corrosive effects in the intestinal tract and to nephritis. Both the chromic and chromate ions are toxic to plants and interfere with the uptake of essential elements.

Copper

Copper salts occur in natural surface waters in trace concentrations and may occur in industrial waste discharges. Copper is used as an algicide for the control of undesirable algae growth and in the treatment of soils as a fungicide and a pesticide.

Copper compounds are toxic to plants and aquatic life.

Lead

Some natural waters contain lead in solution. Lead may be introduced into water as a constituent of various wastes including industrial and mining effluents, lead plumbing and automobile exhaust. Certain lead salts, such as acetate and chloride, are readily soluble. However, lead which occurs in the carbonate, hydroxide and sulphate forms is sparingly soluble and will not remain long in natural waters.

Lead is a cumulative poison that tends to be deposited in the bone. The intake that can be regarded as safe cannot be stated definitely because the sensitivity of individuals to lead differs considerably. Studies on fish

indicate that in water containing lead salts, a film of coagulated mucus forms over the gills and then the entire body, probably as a result of a reaction between lead and an organic constituent of mucus. The fish then die of suffocation. The toxic effects of lead on fish decreases with increasing hardness and dissolved oxygen.

Cadmium

In the elemental form, cadmium is insoluble in water. It occurs in nature largely as a sulphide salt, greenockite or as a cadmium blend and often as an impurity in zinc-lead ores.

Cadmium salts are cumulative and highly toxic to man, and have been implicated in some cases in the cause of food poisoning. Consumption of cadmium salts causes cramps, nausea, vomiting, and diarrhea. Cadmium affects reproduction in fish and zooplankton; however, the toxic effects vary with species and time of exposure.

Zinc

Generally, zinc occurs only in trace amounts in surface waters. The zinc ion is believed to adsorb strongly and permanently on particulate matter (e.g. silt) which settles out of suspension.

Zinc has no known adverse physiological effects upon man except at very high concentrations. At such concentrations, zinc gives water a milky appearance and causes a greasy film on boiling, thus making it unattractive for domestic water supply. Zinc is toxic to aquatic organisms and its toxicity decreases with increasing hardness.

Manganese

Manganese is similar to iron in that it is found in many industrial wastes and occurs in soils as manganic and manganous compounds. Under anaerobic conditions the manganic ion is reduced to soluble nitrate, sulfate, and

chloride salts of manganese and is leached, along with iron, into ground and surface waters. Like iron, its presence may indicate domestic or industrial pollution.

Water with high manganese content is undesirable for its taste, colour and tendency to form deposits on cooking utensils.

Nickel

Nickel in ores and minerals is insoluble but as a salt (nickel ammonium sulphate, nickel nitrate, nickel chloride) is highly soluble. Electroplating wastes may contain substantial amounts of nickel salts.

Nickel and its salts have generally proven to be non-toxic to man even at very high levels. Contact with nickel salt solutions may result in dermatitis and repeated inhalations of nickel compounds can cause lung cancer.

Fluoride

Fluorides in high concentrations are not a common constituent of natural surface waters, but may naturally occur in detrimental concentrations in ground waters.

Excess concentrations affect animal breeding efficiency and may have detrimental effects on some plants.

Cyanide

Cyanides are likely to occur in effluents from gas works and coke ovens, from the scrubbing of gases produced from blast furnaces, in wastes from the surface cleaning or various metals, and in electroplating processes and other chemical industries.

Cyanide in water is toxic to biological life, the lethal concentration depending on water quality, temperature and type and size of organism.

Cobalt

Cobalt occurs naturally in the minerals cobaltite, smaltite and erythrite. It is widely used in the manufacture of alloys, the tungsten carbide tool industry and as pigments used in glass staining.

Cobalt is an essential element at trace levels for both animals and plant nutrition. It is known to be one of the main constituents of Vitamin B_{12}. Adverse effects due to cobalt are very slight even at high concentrations.

3. RADIOCHEMICAL ANALYSES

All elements are made up of atoms, each of which consists of a central nucleus surrounded by a number of electrons. Some nuclei are radioactive; they emit excess energy in the form of ionizing radiation as a result of nuclear disintegrations. The three types of ionizing radiations which are of principal interest in environmental studies are referred to as alpha, beta and gamma radiations.

1. Alpha rays are streams of fast moving helium nuclei. These are particles which can travel only a few centimetres in air and can be stopped by a sheet of paper or a layer of skin.

2. Beta rays are streams of fast moving electrons which are very much lighter than helium nuclei. The maximum range of most common beta rays is a few metres in the air or one to two centimetres in the human body.

3. Gamma rays are highly penetrating electromagnetic radiation of the same family as radio waves and x-rays. Like x-rays, gamma mass rays can pass right through the human body.

The number of nuclear disintegrations occurring in a substance per second is a measure of its radioactivity. The unit of radioactivity used in this report is becquerel (Bq). One becquerel equals one nuclear transformation per second and corresponds to approximately 27 picocuries, (a measure of radioactivity used in previous reports). Radiological half life is the length of time required for one half of the unstable atom to disintegrate or change (i.e., radioactive decay).

Exposure to radiation is characterized by the transfer of energy to molecules of the cells which make up body tissues and organs. This can affect the normal function of the cells, resulting in damage to the tissues and organs. Exposure to the small doses of radiation which might be encountered in the environment will not result in immediate detectable damage; however, long-term effects may result. These effects are in the apparently random occurrence of induced cancers and genetic defects in a small proportion of the exposed population. The numbers of effects induced are considered to be directly proportional to the amount of absorbed radiation.

Gross-alpha

Gross-alpha is a measure of the total radioactivity of all the alpha emitting materials in a sample. Measurements of gross-alpha activity provide useful reference points to enable trends to be detected. However, the results cannot be used to determine radiation dose or health effects since the short range of alpha particles means that some will not be detected, thereby causing an underestimation of the total activity. Also, the alpha particles may be emissions from a mixture of materials that are radiologically and biologically different.

Gross-beta

Gross-beta is a measure of the total radiation of all the beta emitting materials in a sample. Measurements of gross-beta activity provide useful reference points to enable trends to be detected but cannot be used to determine radiation dose or health effects.

Radium-226

Radium-226 is a naturally occurring alpha-particle emitter formed from the decay of uranium-238 and has a radiological half life of 1602 years.

Uranium-total

Total uranium exists primarily as the isotope uranium-238 with less than 1% occurring as uranium-235. Uranium is a naturally occurring alpha-particle emitter which was formed at the same time as the earth (about 5×10^9 years) and is still present in significant quantities due to its extremely long radiological half-life (4.5×10^9 years).

Cesium-137

Cesium-137 is a beta-particle emitter formed as a fission product in nuclear weapons detonation and atomic reactor operation. Cesium-137 is readily adsorbed and retained by biological systems. Its radiological half life is 30 years.

Cesium-134

Cesium-134 is a beta-particle emitter also formed as a fission product in nuclear weapons detonation and atomic reactor operation. Cesium-134 is of less importance than Cesium-137 as its radiological half-life is only 72 hours.

Cobalt-60

Cobalt-60 is primarily formed in atomic reactor operation due to the neutron activation of trace quantities of cobalt-59 found in steel.

Insignificant quantities are also formed from nuclear weapons detonation. Cobalt-60 has a radiological half life of 5.3 years and emits both beta and gamma radiation.

Tritium

Tritium exists fairly uniformly in the environment as a result of natural production by cosmic radiation and residual fallout from nuclear weapons tests. This background level is gradually being increased by the use of nuclear reactors to generate electricity.

Current tritium from the nuclear power industry comprises a small proportion of environmental tritium in comparison with that from nuclear weapons fallout and naturally produced tritium. However, nuclear reactors and fuel-processing plants are localized sources of tritium because of discharges during normal operation. This industry is expected to become the major source of environmental tritium contamination some time in the future if present growth trends continue and nuclear explosion in the atmosphere is not resumed. Tritium is produced in light water nuclear reactors by ternary fission, neutron capture in coolant additives, control rods and plates, and activation of deuterium. About 1% of the tritium in the primary coolent is released in gaseous form to the atmosphere; the remainder is eventually released in liquid waste discharges. Most of the tritium produced in reactors remains in the fuel and is released when the fuel is reprocessed.

Naturally occurring tritium is most abundant in precipitation and lowest in aged water because of its physical decay by beta emission to helium.

Iodine

Iodine is a chemical oxidant. It disinfects in a manner similar to chlorine. Iodine is the least soluble of all the halogens, hence it is the least likely to be hydrolized by water. It also has the lowest oxidation

potential, that is, it reacts more slowly with organic compounds with chlorine. Because of this stability, iodine does not react with nitrogenous compounds as does chlorine. Iodine remains effective through a wider range than chlorine; chlorine becomes less stable at pH of 8 as compared to iodine at pH of 10.

4. SYNTHETIC ORGANIC ANALYSES

The synthetic organic compounds referred to in this section are classified as pesticides and industrial chemicals. These compounds contain linked carbon atoms in their chemical structure and are, for the most part, synthesized from common chemicals. Furthermore, they may be subdivided into chemical families of compounds sharing common characteristics. For example, organochlorine compounds (chlorinated hydrocarbons) contain chlorine, hydrogen and carbon in their structure; they have a tendancy to accumulate in the fatty tissues of animals and are stable compounds (i.e., persistent).

Until recently, only a few classes of synthetic organic compounds such as drugs, food additives and pesticides were controlled by legislation. For example, the only pesticides which may be offered for sale in Ontario are those which have been registered under the authority of the Pest Control Products Act which is administered by Agriculture Canada. The term pesticide includes insecticides, herbicides and fungicides which are chemical compounds used to control insects, weeds or fungi (i.e., "pests") that attack crops, animals and man. In contrast to the regulation of pesticides, thousands of unregistered synthetic organic chemicals are in daily use as raw materials, products and additives. Very little is known about their possible health and environmental effects because of their sheer number and diversity of use. Many are not hazardous, but the adverse effects already encountered by some have created concern for preventative measures of both known and potentially hazardous substances.

Polychlorinated Biphenyls (PCBs)

PCBs are a range of industrial chemicals produced by direct chlorination of biphenyl. The North American products in this family are sold under the name Arochlor. Arochlors are characterized by a four digit number, such as Arochlor 1242, or Arochlor 1254, of which the last two digits refer to the weight percentage of chlorine in the products. There are 208 possible compounds which could be formed by this reaction. Each product is a different mixture of up to 100 of these, each with its own unique physical, chemical and biological properties.

The main characteristics of PCBs are their chemical, physical, biological inertness and electrical insulating properties. They have been widely used in transformers and capacitors, as heat exchange fluids or plasticizers, and in inks, paint, lubricants, and many other products. Spills and waste disposal practices have resulted in very large inputs of these chemicals to all facets of the environment.

PCBs are lipophylic, and thus continuing environmental inputs have led to biological uptake and concentration. Of particular concern are the excessive levels detected in some fish. Levels in water and air to date have not demonstrated a threat to human health, as might arise from fish consumption. PCBs have been shown to be both acutely and chronically toxic, carcinogenic and teratogenic (to cause developmental malformations). Limits for human consumption have been set on the basis of tests on monkeys and rats. The present acceptable level of PCBs in fish is 2.0 ppm. However, 0.1 ppm has been suggested as a level for protection of the fisheries resource from reproductive failure. Long-term use of PCBs, at elevated temperatures, and inefficient incineration of these materials have been shown to produce the highly toxic chlorodibenzofurans, closely related to dioxins.

Trichlorophenoxyacetic Acid (2,4,5-T)

2,4,5-T is a chlorophenoxy acid herbicide. Other members of this family include 2,4-D and 2,4,5-TP which were introduced as selective weed killers at the end of World War II. Their uses include weed control in cereal

crops, lawns, along roadsides, hydro and railroad rights-of-way, and control of aquatic weeds.

The human toxicity of these herbicides is low; effects on farmstock and wildlife from current environmental levels would appear to be negligible and no discernible toxic effects have been reported in fish at levels below 100 mg/L.

However, 2,3,7,8-tetrachlorodibenzodioxin (TCDD), an extremely toxic compound, has been detected in 2,4,5-T formulations as a by-product of its manufacture, thus raising doubts as to the human safety of the use of 2,4,5-T, and the related herbicide 2,4,5-TP (Silvex). A tolerance level of 0.1 ppm 2,3,7,8-TCDD in 2,4,5-T formulation has been set, but the adequacy of the safety factor is still under discussion.

Pentachlorophenol (PCP)

Pentachlorophenol is used as a herbicide, defoliant, insecticide, fungicide and wood preservative. The salts, esters and ethers of PCP are also effective herbicides.

PCP is considered relatively toxic to wildlife and fish and its presence in water can cause tainting of fish flesh, reducing its palatability. PCP can be harmful to man if inhaled and absorbed through the skin. There is no known antidote to PCP poisoning.

In addition to its inherent toxicity, a further problem is posed by the presence of high chlorinated dioxins, (octachlorodioxin, heptachlorodioxin, hexachlorodioxin) in PCP formulations. Although these compounds are considerably less toxic than 2,3,7,8-TCDD (tetrachlorodibenzodioxin), it has been suggested that they may degrade to 2,3,7,8-TCDD under the influence of sunlight and other environmental conditions.

STATION IDENTIFIER CODES, QUALIFYING REMARKS CODES AND ABBREVIATED PARAMETER HEADINGS

Station Identifier Codes

The station identifier codes which appear in the index and the top right-hand corner of the data pages are numerical descriptions of the sampling station locations and are used primarily for electronic data processing of the water quality data. The eleven digit figure is decoded as follows: the first two digits refer to the terminal basins (see figures 2 and 3), the following four digits refer to the river basin (each river basin in a terminal basin is assigned a unique number), the next three digits refer to the station number within the river basin and the last two digits refer to the type of sample (e.g. 01-lake sample, 02-stream sample, 82 to 89-composite sample, e.g. 83 - 3 part composite across a station sampling range).

Qualifying Remarks Codes

Distance

The distance in kilometres is measured along the centre line of a watercourse to the sampling station location from the junction of the related terminal stream and terminal basin.

Abbreviated Headings

BOW	body of water
STN NO	base station number
LAT	latitude
LONG	longitude
UTM	Universal Transverse Mercator Grid
SAMP DTE DY MO YR	sample date; day, month, year
HOUR LMT	hour(s) local mean time (2400 hour clock)
STN DIST FEET	distance from base station (in feet) (not applicable)
STN BRG	bearing of sampling point (deg N) from base station (not applicable)
SAMP DEPTH MTRS	sample depth (in metres)
PJ	project (not applicable)

Abbreviated Parameter Headings

The alphabetic codes appearing as the parameter headings are a series of unique codes used for computer processing. Each alphabetic code identifies a particular water quality parameter and analytical procedure.

Test Name and Abbreviated Description	Description of Test	Units of Measure
ACDT ACIDITY TOTAL	ACIDITY, TOTAL	MILLIGRAM PER LITRE AS CALCIUM CARBONATE
ALKT ALK TOTAL	ALKALINITY, TOTAL	MILLIGRAM PER LITRE AS CALCIUM CARBONATE
ALUT ALUMINUM UNF. TOT.	ALUMINIUM, UNFILTERED TOTAL	MILLIGRAM PER LITRE AS ALUMINIUM
ASUT ARSENIC UNF. TOT.	ARSENIC, UNFILTERED TOTAL	MILLIGRAM PER LITRE
AS3UR ARSENTE UNF. REAC.	ARSENIC +3 UNFILTERED REAC.	MILLIGRAM PER LITRE AS ARSENIC
AS5UR ARSENATE UNF. REAC.	ARSENIC +5, UNFILTERED REAC.	MILLIGRAM PER LITRE AS ARSENIC
BOD_5 5 DAY TOT. DEM.	BOD, 5 DAY, TOTAL DEMAND	MILLIGRAM PER LITRE AS OXYGEN
CAUR CALCIUM UNF. REACT.	CALCIUM, UNFILTERED REACTIVE	MILLIGRAM PER LITRE AS CALCIUM
CCNAUR CYANIDE AVAIL UNF. REACT.	CYANIDE, AVAILABLE UNFILTERED REACTIVE	MILLIGRAM PER LITRE AS HYDROGEN CYANIDE
CCNFUR FREE UNF. REACT.	CYANIDE, FREE UNFIL. REACTIVE	MILLIGRAM PER LITRE AS HYDROGEN CYANIDE
CCUT CARBON UNF TOT.	CARBON, UNFILTERED TOTAL	MILLIGRAM PER LITRE AS CARBON
CDUT CADMIUM UNF. TOT.	CADMIUM, UNFILTERED TOTAL	MILLIGRAM PER LITRE AS CADMIUM

Test Name and Abbreviated Description	Description of Test	Units of Measure
CLIDUR CHLORIDE UNF. REAC.	CHLORIDE, UNFILTERED REACTIVE	MILLIGRAM PER LITRE AS CHLORINE
COD CHEM. OX. DEMAND	CHEMICAL OXYGEN DEMAND	MILLIGRAM PER LITRE AS OXYGEN
COLAP COLOUR APPARENT	COLOUR, APPARENT	HAZEN COLOUR UNIT
COLTR COLOUR TRUE	COLOUR, TRUE	HAZEN COLOUR UNIT
COND25 CONDUCT. 25C	CONDUCTIVITY AT 25°C	MICROMHOS/CM (CONDUCTIVITY) AT 25 DEGREES CENTIGRADE
COUT COBALT UNF. TOT.	COBALT, UNFILTERED TOTAL	MILLIGRAM PER LITRE AS COBALT
CO60 COBALT 60	COBALT 60	BECQUEREL PER LITRE
CRUT CHROMIUM UNF. TOT.	CHROMIUM, UNFILTERED TOTAL	MILLIGRAM PER LITRE AS CHROMIUM
CS134 CESIUM 134	CESIUM 134	BECQUEREL PER LITRE
CS137 CESIUM 137	CESIUM 137	BECQUEREL PER LITRE
CUUT COPPER UNF. TOT.	COPPER, UNFILTERED TOTAL	MILLIGRAM PER LITRE AS COPPER
DO DISSOLVED OXYGEN	DISSOLVED OXYGEN	MILLIGRAM PER LITRE AS OXYGEN

Test Name and Abbreviated Description	Description of Test	Units of Measure
DOC CARBON DISSOLVED ORGANIC	CARBON, DISSOLVED ORGANIC	MILLIGRAM PER LITRE AS CARBON
ECMF ESCH IA COLI MF	ESCHERICHIA COLIFORM, MEMBRANE FILTRATIONS TECHNIQUE	COUNTS PER 100 ML
FCMF FECAL COLIFORM MF	FECAL COLIFORM MEMBRANE FILTRATION TECHNIQUE	COUNTS PER 100 ML
FEUT IRON UNF. TOT.	IRON, UNFILTERED TOTAL	MILLIGRAM PER LITRE AS IRON
FFIDUR FLUORIDE UNF. REAC.	FLUORIDE, UNFILTERED REACTIVE	MILLIGRAM PER LITRE AS FLUORIDE
FSMF FECAL STREPCUS MF	FECAL STREPTOCOCCUS, MEMBRANE FILTRATION TECHNIQUE	COUNTS PER 100 ML
FWFLOW STREAM FLOW	STREAMFLOW	CUBIC METRE (1000L) PER SECOND
FWPH PH FIELD	PH, FIELD	NEGATIVE LOGARITHM OF HYDROGEN ION CONCENTRATION
FWSTRC STREAM COND.	STREAM CONDITION	NOT APPLICABLE
FWTEMP WATER TEMP.	TEMPERATURE, WATER	DEGREES CELSIUS

Test Name and Abbreviated Description	Description of Test	Units of Measure
GACF GROSS ALPHA CT. FILTERED	GROSS ALPHA CT., FILTERED	BECQUEREL PER LITRE
GACP GROSS ALPHA CT UNDISSOL.	GROSS ALPHA CT., UNDISSOLVED	BECQUEREL PER LITRE
GBCF GROSS BETA CT. FILTERED	GROSS BETA CT., FILTERED	BECQUEREL PER LITRE
GBCP GROSS BETA CT. UNDISSOL.	GROSS BETA CT., UNDISSOLVED	BECQUEREL PER LITRE
HARDT HARDNESS TOTAL	HARDNESS, TOTAL	MILLIGRAM PER LITRE AS CALCIUM CARBONATE
HGUT MERCURY UNF. TOT.	MERCURY, UNFILTERED TOTAL	MICROGRAM PER LITRE AS MERCURY
HH3 TRITIUM HYDROG-3	TRITIUM, (HYDROGEN 3)	BECQUEREL PER LITRE
II131 IODINE 131	IODINE 131	BECQUEREL PER LITRE
KKUR POTASSIUM UNF. REAC.	POTASSIUM, UNFILTERED REACTIVE	MILLIGRAM PER LITRE AS POTASSIUM
MGUR MAGNESIUM, FIL. REAC.	MAGNESIUM, FILTERED REACTIVE	MILLIGRAM PER LITRE AS MAGNESIUM
MNUT MANGANESE, UNF. TOT.	MANGANESE, UNFILTERED REACTIVE	MILLIGRAM PER LITRE AS MANGANESE

Test Name and Abbreviated Description	Description of Test	Units of Measure
NAUR SODIUM UNF. REAC.	SODIUM, UNFILTERED REACTIVE	MILLIGRAM PER LITRE AS SODIUM
NIUT NICKEL UNF. TOT.	NICKEL, UNFILTERED TOTAL	MILLIGRAM PER LITRE AS NICKEL
NNHTFR NH3-N TOTAL FIL. REAC.	AMMONIUM, TOTAL FILTERED REACTIVE	MILLIGRAM PER LITRE AS NITROGEN
NNKI TOTAL N	TOTAL NITROGEN: SUM OF NITRATE NITRITE AND KJELDAHL-NITROGEN	MILLIGRAM PER LITRE AS NITROGEN
NNKUR KJELDAHL ORGANIC UNF. REAC.	KJELDAHL-NITROGEN, ORGANIC UNFILTERED REACTIVE	MILLIGRAM PER LITRE
NNOTFR NO2+NO3N FIL. REACT.	NITRATES, TOTAL FILTERED REACTIVE	MILLIGRAM PER LITRE AS NITROGEN
NNOTUR NO1+NO3N UNF, REAC.	NITRATES, TOTAL UNFILTERED REACTIVE	MILLIGRAM PER LITRE AS NITROGEN
NNO2FR NO2-N FIL. REAC.	NITRITE, FILTERED REACTIVE	MILLIGRAM PER LITRE AS NITROGEN
NNTIFR INORG. N. TOTAL FIL. REAC.	NITROGEN, TOTAL INORGANIC FILTERED REACTIVE	MILLIGRAM PER LITRE
NNO2UR NO2-N UNF. REAC.	NITRITE, UNFILTERED REACTIVE	MILLIGRAMS PER LITRE AS NITROGEN

Test Name and Abbreviated Description	Description of Test	Units of Measure
NNO3FR NO3-N FILT. REAC.	NITRATE, FILTERED REACTIVE	MILLIGRAM PER LITRE AS NITROGEN
NNO3UR NO3-N HNF. REAC.	NITRATE, UNFILTERED REACTIVE	MILLIGRAM PER LITRE AS NITROGEN
NNTKUR K'DAHL N TOTAL UNF. TOT.	NITROGEN, TOTAL KJELDAHL UNFIL. REACTIVE	MILLIGRAM PER LITRE AS NITROGEN
PBUT LEAD UNF. TOT.	LEAD, UNFILTERED TOTAL	MILLIGRAM PER LITRE AS LEAD
pH	pH (-LOG H+CONC), LAB.	NEGATIVE LOGARITHM OF HYDROGEN ION CONCENTRATION
PHNOL PHENOLS UNF-REAC	PHENOLICS, UNFILTERED REACTIVE	MICROGRAM PER LITRE AS PHENOL
PPO4FR PO4 FIL. REAC.	PHOSPHATE, FILTERED REACTIVE	MILLIGRAM PER LITRE AS PHOSPHORUS
PPO4UR PO4 UNF. REAC.	PHOSPHATE, UNFILTERED REACTIVE	MILLIGRAM PER LITRE AS PHOSPHORUS
PPUT PHOSPHOR UNF. TOT.	PHOSPHORUS, UNFILTERED TOTAL	MILLIGRAM PER LITRE AS PHOSPHORUS
PSAMF PSEUDOMN AERUG, MF	PSEUDOMONAS, AERUGINOSA MEMBRANE FILTRATION TECHNIQUE	COUNTS PER 100 ML
P1PCBT PCB TOTAL	POLYCHLORINATED BIPHENOLS, TOTAL	MICROGRAM PER LITRE
P3245T 2,4,5-T	2,4,5-Trichlorophnoxyacetic	MICROGRAM PER LITRE

Test Name and Abbreviated Description	Description of Test	Units of Measure
RA226F RADIUM 226 FIL.	RADIUM-226, FILTERED	BECQUEREL PER LITRE
RA226T RADIUM 226 TOT.	RADIUM-226, TOTAL	BECQUEREL PER LITRE
RSF RESIDUE FILTERED	RESIDUE, FILTERED	MILLIGRAM PER LITRE
RSFRAD RESIDUE FILTERED RADIOLOG	RESIDUE, FILTERED RADIOLOGICAL	MILLIGRAM PER LITRE
RSP RESIDUE PARTIC.	RESIDUE, PARTICULATE	MILLIGRAM PER LITRE
RSPRAD RESIDUE PARTIC. RADIOLOG	RESIDUE, PARTICULATE	MILLIGRAM PER LITRE
RST RESIDUE TOTAL	RESIDUE, TOTAL	MILLIGRAM PER LITRE
SAMPLE NUMBER	SAMPLE NUMBER, FIELD	NOT APPLICABLE
SIO3UR SILICATE UNF. REAC.	SILICATES, UNFILTERED REACTIVE	MILLIGRAM PER LITRE AS SILICON
SOLEXT SOLVENT EXTRACT.	SOLVENT EXTRACTABLES	MILLIGRAM PER LITRE
SSIDUR SULPHIDE	SULPHIDE, UNFILTERED REACTIVE UNF. REAC.	MILLIGRAM PER LITRE
SSO4UR SULPHATE UNF. REAC.	SULPHATE, UNFILTERED REACTIVE	MILLIGRAM PER LITRE AS SULPHATE

Test Name and Abbreviated Description	Description of Test	Units of Measure
TCMF COLIFORM TOTAL MF	COLIFORM, TOTAL MEMBRANE FILTRATION TECHNIQUE	COUNTS PER 100 ML
TCMFBK COLIFORM TOTAL MF BCKGRD	COLIFORM, TOTAL MEMBRANE FILTRATION TECHNIQUE BACKGROUND	COUNTS PER 100 ML
TURB TURB'ITY	TURBIDITY	FORMAZIN TURBIDITY UNIT
UU238 URANIUM 238	URANIUM 238	MILLIGRAM PER LITRE
X3PCPH PENTACHL PHENOL	PENTACHLOROPHENOL	NANORGRAMS PER LITRE
ZNUT ZINC UNF. TOT.	ZINC, UNFILTERED TOTAL	MILLIGRAM PER LITRE AS ZINC

OTHER ABBREVIATIONS

ARITH MEAN	arithmetic mean
AVE.	avenue
AVG OR GEOM MN	arithmetic mean or geometric mean (denoted by *)
BLVD.	boulevard
BR.	branch, bridge or brook
CORP.	corporation
CAN.	Canadian
C.N.R.	Canadian National Railway
CO.	county or company
CONC.	concession
C.P.R.	Canadian Pacific Railway
CR.	Creek
DR.	drive
FT.	feet
GEOM MEAN	geometric mean
HWY.	highway
JNT.	junction
L.	left
MG	milligram(s)
MG/L or mg/L	milligrams per litre
ML	millilitre(s)
N.	north
NG/L	nanogram(s) per litre
NO/OF SAMPLES	number of samples
PT.	part or point
Q.E.W.	Queen Elizabeth Way
R.	river or right
RD.	road
R.R.	railroad
RW.	railway
S.	south
STD DEV	standard deviation
S.T.P.	sewage treatment plant
TWP.	township
UG/L	micrograms per litre
W.P.C.P.	water pollution control plant
WW.	water-works

An "Exponent" is used to move the decimal point to the right when the result is greater than 7 digits or to the left if the result is measured to more than three decimal places.

EXPONENT = + 4	multiple	result	by	10,000
= + 3	"	"	"	1,000
= + 2	"	"	"	100
= + 1	"	"	"	10
= - 1	divide	result	by	10
= - 2	"	"	"	100
= - 3	"	"	"	1,000
= - 4	"	"	"	10 000

ANALYTICAL TECHNIQUES USED TO MEASURE WATER QUALITY

Microbiological Parameters	Analytical Technique
Total Coliforms	Membrane Filtration
Fecal Coliforms	Membrane Filtration
Fecal Streptococcus	Membrane Filtration
Pseudomonas Aeruginosa	Membrane Filtration
Background Count	Membrane Filtration

Chemical and Physical Parameters	Analytical Technique
Alkalinity	Auto* fixed endpoint titration
Ammonia-N (filtered total)	Auto modified Berthelot reaction
Arsenic	Flameless AAS**; colourimetry
Cadmium	AAS
Calcium	AAS; EDTA titrimetric
Carbon	Auto oxidation, colourimetry
Chloride	Auto potentiometric titration; Auto FeCNS
Chromium	AAS; colourimetry
Conductivity	25°C thermostated conductivity meter
Copper	AAS
Iron (total)	AAS; Auto TPTZ colourimetry
Lead	AAS
Magnesium	AAS; calculation from hardness, Ca
Manganese	AAS; Auto formal doxine colourimetry
Mercury	Flameless AAS
Nickel	AAS
Nitrate + Nitrite-N (filtered)	Auto hydrazine reduction-diazotization
Kjeldahl-N	Digest, Auto modified Berthelot reaction
Phosphate-P (filtered reactive)	Auto molybdenum blue-ascorbic acid
pH	Potentiometric-glass electrode
Phenolics-reactive	Auto distillation-4AAP
Phosphorus-total	Digest, Auto molybdenum blue-ascorbic acid
Phosphorus-filtered total	Digest, Auto molybdenum blue-ascorbic acid
Potassium	AAS

Selenium	Fluorimetry
Silicates-reactive	Auto molybdenum blue-ascorbic acid
Sodium	AAS
Solids-suspended	Gravimetric
Sulfate	Auto MTB colourimetry; Ion Chromatography
Turbidity	Nephelometry, formazin standard
Zinc	AAS

Radiochemical Parameters

Gross alpha	Nuclear disintegrations count from evaporated residues
Gross beta	Nuclear disintegrations count from evaporated residues
Radium-226	Diemination technique
Uranium-total	Fluorometric technique
Cesium-137	Gamma spectrometry
Cesium-134	Gamma spectrometry
Cobalt-60	Gamma spectrometry

Synthetic Organic Parameters

PCB	Solvent extraction, gas chromatography
2,4,5-T	Solvent extraction, gas chromatography
PCP	Solvent extraction, gas chromatography

* Automated instrumentation

** Atomic Absorption Spectrophotometry

GLOSSARY OF TERMS

Arithmetic Mean - The nth quotient of the summation of n observations. The equation for the arithmetic mean ($\bar{X}$) can be expressed as:

$$\bar{X} = \frac{X_1 + X_2 + X_3 + \ldots + X_n}{n}$$

Detection Limit - The amount of analyte required to be present to ensure that when it is 'absent' it will not be reported as 'present'.

Geometric Mean - The nth root of the product of n observations. The equation for the geometric mean (G_x) can be expressed as:

$$G_x = \sqrt[n]{X_1 \times X_2 \times \ldots \times X_n}$$

or

$$G_x = \text{antilog} \frac{(\log X_1 + \log X_2 + \ldots + \log X_n)}{n}$$

Standard Deviation - A measure of variability or dispersion. For a set of n observations, X_i ; i = 1, ..., n. The standard deviation is given as:

$$S = \sqrt{\Sigma(x_i - \bar{x})^2 / (n - 1)}$$

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ABBREVIATIONS AND REMARKS USED ON REPORTS

ABBREVIATIONS USED:

BTH GRAB	BOTTOM GRAB SAMPLE
CORE	BOTTOM CORE SAMPLE
CNT LOW	BACTERIA COUNT UNACCEPTABLE
DATA AVL	DATA NOT STORED IN THIS SYSTEM BUT IS AVAILABLE
DC	DEPTH COMPOSITE SAMPLE
DD	DAY
ET	END TIME
EXP	PRECIPITATING AT EXPOSURE (FOR PRECIP. SAMPLES)
GC	GAUGE DEPTH (FOR PRECIP. SAMPLES)
I	DEPTH INTERVAL (IN METERS) WHEN ASSOCIATED WITH DC TIME INTERVAL (IN HOURS) WHEN ASSOCIATED WITH TC
ID	INITIAL DATE (SET-UP DATE FOR PRECIP. SAMPLES)
IT	INITIAL TIME (SET-UP TIME FOR PRECIP. SAMPLES)
LAT	LATITUDE
LONG	LONGITUDE
LMT	LOCAL MEAN TIME
LO1	LOW VOLUME SEQUENTIAL SAMPLE
LO2	LOW VOLUME NUTECH SAMPLE
MM	MONTH
N	NUMBER OF SAMPLES (USED FOR DC, TC AND CORE SAMPLES)
DRY	PRECIPITATION SAMPLE (DRY ONLY)
WET	PRECIPITATION SAMPLE (WET ONLY)
BULK	PRECIPITATION SAMPLE (BULK)
GRND	PRICIPITATION SAMPLE (ON GROUND SNOW COURSE)
REM	PRECIPITATING AT REMOVAL (FOR PC SAMPLES 0,1,2,3)
SD	START DEPTH
ST	START TIME
SED CORE	SEDIMENT CORE SAMPLE (DEPTH FROM AND TO MEASURED IN CM)
SED GRAB	SEDIMENT GRAB SAMPLE (DEPTH FROM AND TO MEASURED IN CM)
WLE	WATER LAYER - WHOLE LAKE COMPOSITE
EPI	WATER LAYER - EPILIMNION ZONE
MET	WATER LAYER - METALIMNION ZONE
HYP	WATER LAYER - HYPOLIMNION ZONE
EUP	WATER LAYER - EUPHOTIC ZONE
GEN	WATER LAYER - GENERAL LAYER
TC	TIME COMPOSITE SAMPLE
TNTC	BACTERIA TOO NUMEROUS TO COUNT
V	VOLUME WHEN ASSOCIATED WITH LO1 AND LO2 SAMPLES
YY	YEAR

NOTE:
ONE SAMPLE DESIGNATES DATA ASSOCIATED WITH A LOCATION AT ONE POINT IN TIME

ABBREVIATIONS AND REMARKS USED ON REPORTS

INDIVIDUAL TEST VALUES MAY BE QUALIFIED BY ONE OF THE FOLLOWING REMARKS:

REMARK	MEANING OF REMARK	COMMENT CODE
<	ACTUAL RESULT < THAN REPORTED VALUE	PE
<=>	APPROXIMATE RESULT	
<DL	REPORTED VALUE=MDL: MEASURE AMT<MDL	PT
<E	NO RESP.: (EXCESS DIL'N) MIN. VALUE	PE
<N	NON-DETECTED	PE
<R	DETECT LIMIT REPORT: VALUE < LIMIT	PE
<S	TRACE RESP.: < THAN VALUE REPORTED	PE
<SQ	LESS THAN-BASED ON SEMI-QUANT. METH	
<T	A MEASURABLE TRACE AMOUNT	PT
<TE	MEASURABLE TRACE AFTER EXTRA DIL/CO	PT
<W	NO MEASURABLE RESPONSE (0) <REP. V.	PT
<WE	NO MEASURABLE RESPONSE (DILN/CONC)	PT
|	NO DATA WILL BE REPORTED: SEE TEXT	
|*|	INTERNAL TEST: NOT INCLUDED IN REP.	
|AA	NO DATA: ANAL. REQ ABSENT-AMBIGUOUS	
|AD	NO DATA: ANOMALOUS DATA WITHDRAWN	
|AI	ADDITIONAL INFORMATION AVAIL AT LAB	
|AL	NO DATA: AL NOT DONE, PH > 5.5	
|AM	NO DATA: PH > 7	
|AR	SEE ATTACHED REPT: NO NUMERIC VALUE	
|AW	NO DATA: ANALYSIS WITHDRAWN	
|BC	NO DATA: BACKGRND COLOUR INTERFERES	
|BL	NO DATA: UNRELIABLE BLANK	
|BN	NO DATA: BACKGROUND TOO NUMEROUS	
|BT	NO DATA: SAMPLE BROKEN IN TRANSIT	
|CA	NO DATA: CARBONATE NOT DONE, PH<5.0	

ABBREVIATIONS AND REMARKS USED ON REPORTS

INDIVIDUAL TEST VALUES MAY BE QUALIFIED BY ONE OF THE FOLLOWING REMARKS:

REMARK	MEANING OF REMARK	COMMENT CODE
|CL	NO DATA: EXCESSIVE CHLORINE LEVEL	
|CR	COULD NOT PERFORM CONFIRMING REANAL	
|CS	NO DATA: CONTAMINATION SUSPECTED	
|CU	NO DATA: COLONY COUNT UNSUITABLE	
|DD	NO DATA: DUPLICATES FOUND TO DIFFER	
|DI	NO DATA: SAMPLE DISCARDED IN ERROR	
|DL	NO DATA FOR LPA DUE TO SIZE DISTRIB	
|DS	NO DATA FOR SPA DUE TO SIZE DISTRIB	
|EE	NO DATA: EMPTY ENVELOPE	
|EF	NO DATA: LABORATORY EQUIP. FAILURE	
|EP	NO DATA: EXCESS. PRESERVATIVE USED	
|FB	NO DATA: FROZEN CONTAINER BROKEN	
|FC	NO DATA: FOIL CAP CONTAMINATED SAMP	
|FF	NO DATA: FIELD FILTERED SAMP REQURD	
|GL	NO DATA: GREEN LABEL REQ ON BOTTLE	
|HB	NO DATA: HIGH BACKGROUND ABSORBANCE	
|HI	RERUN: NO VALUE,OFFSCALE HIGH	
|IC	NO DATA: IMPROPER CONTAINER	
|IF	NO DATA: INVALID FILTER-NO AIR VOL	
|IL	NO DATA: SAMPLE INCORRECTLY LABELED	
|IN	INTERNAL LAB MEMO; FOR LAB USE ONLY	
|IP	NO DATA: INSUFFICIENT PRESERVATIVE	
|IR	NO DATA: INSUFFICIENT FOR REPEAT AN	
|IS	NO DATA: INSUFFICIENT SAMPLE	
|IV	NO DATA: INVALID SAMPLE	

ABBREVIATIONS AND REMARKS USED ON REPORTS

INDIVIDUAL TEST VALUES MAY BE QUALIFIED BY ONE OF THE FOLLOWING REMARKS:

REMARK	MEANING OF REMARK	COMMENT CODE
|LC	NO DATA: LAB CAPACITY EXCEEDED	
|LD	NO DATA: TEST QUEUED:SAMP DISCARDED	
|LO	RERUN: NO VALUE,OFFSCALE LOW	
|LP	NO DATA: PERISHABLE TEST QUEUE LATE	
|MS	NO DATA: TOO COMPLEX, REF TO MS GRP	
|NA	NO DATA: NO AUTHORIZATION TO ANALYZ	
|ND	NO DATA: NOT ANALYZED	
|NE	SUBM SHEET MISPLACED - NOT ENTERED	
|NF	NO DATA: INFORMATION NOT RECEIVED	
|NI	NO DATA: SAMP NOT STORED IN ICE	
|NM	NO DATA: NO DISCHARGE	
|NN	NO DATA: TESTS REQ. IN LIS ERROR	
|NP	NO DATA: NO APPROP. PROCEDURE AVAIL	
|NR	NO DATA: SAMPLE NOT RECEIVED AT LAB	
|NS	NO DATA: NOT EQUIP. TO ANALY SAFELY	
|NT	NO DATA: NO TIME RECORDED	
|OC	NO DATA: ORGANIC CARBON CONTENT>17%	
|OF	SLUDGE SAMP DISCARD:BOTTLE OVERFILL	
|OP	NO DATA: OBSCURED PLATE	
|OS	NO DATA: OPTIONAL SAMPLE	
|OT	SAMPLE OVERTITRATD:NO REPEAT POSBLE	
|PE	PROCEDURE ERROR: SAMP NOW DISCARDED	
|PH	NO DATA: PH OUTSIDE VALID RANGE	
|PM	NO DATA: PIECE MISSING	
|PR	NO DATA: PRESERVATIVE REQUIRED	

ABBREVIATIONS AND REMARKS USED ON REPORTS

INDIVIDUAL TEST VALUES MAY BE QUALIFIED BY ONE OF THE FOLLOWING REMARKS:

REMARK	MEANING OF REMARK	COMMENT CODE
|QU	NO DATA: QUALITY CONTROL UNACCEPT.	
|RC	RESULT CHANGED: REPORT REVISED	
|RD	SEE ATTCH. REPT:NO NUM VALUE:DIOXIN	
|RE	NO DATA: SAMP CONTAINER RECV. EMPTY	
|RI	SEE ATTCH. REPT:NO NUM VALUE:ITCS	
|RL	RESULT FORTHCOMING FROM RAD. LAB	
|RM	SEE ATTCH. REPT:NO NUM VALUE:MICRO	
|RN	SEE ATTCH. REPT FOR NUMERIC RESULT	
|RO	SEE ATTCH. REPT:NO NUM VALUE:OTCS	
|RP	SEE ATTCH. REPT:NO NUM VALUE:PEST	
|RR	NO DATA: RERUN HAS BEEN INITIATED	
|RS	REPORT SENT TO PRIMARY CLIENT	
|RT	SAMPLE NOT REFRIGERATED :N TRANSIT	
|RW	SEE ATTCH. REPT:NO NUM VALUE:WQS	
|SD	NO DATA: SAMPLE DECOMPOSED	
|SE	SAMPLE EXAMINED: SEE OTHER RESULTS	
|SF	NO DATA: SAMPLE RECEIVED FROZEN	
|SL	NO DATA: SAMP ARRIVED LATE FOR ANAL	
|SM	NO DATA: SAMPLE MISSING:LOST IN LAB	
|SS	SEPARATE SAMP, PROPER. PRESERVE REQ	
|ST	NO DATA: SEE ATTACHED TEXTUAL INFO.	
|TE	TURB LIMIT OF APP COLOR TEST EXCEED	
|TF	NO DATA: TORN FILTER	
|TH	TURBIDITY EXCEEDED INSTRUMENT RANGE	
|TM	NO DATA: TEST MEDIA NOT AVAILABLE	

ABBREVIATIONS AND REMARKS USED ON REPORTS

INDIVIDUAL TEST VALUES MAY BE QUALIFIED BY ONE OF THE FOLLOWING REMARKS:

REMARK	MEANING OF REMARK	COMMENT CODE
|TO	NO DATA: HI ORGANIC PRECLUDED MICRO	
|TU	NO DATA: ANALY TEMPORARILY UNAVAIL.	
|TW	NO DATA: TARE WEIGHT >LOADED WEIGHT	
|TX	NO DATA: TIME LIMIT EXPIRED	
|U	NO DATA: UNSUITABLE FOR ANALYSIS	
|UB	NO DATA: BROKEN SAMPLE CONTAINER	
|UD	INSUFFICIENT SAMPLE	
|UE	NO DATA: UNCORRECTABLE ERROR	
|UI	NO DATA: UNDETERMINED INTERFERENCE	
|UN	NO DATA: RESULTS UNRELIABLE	
|UP	NO DATA: NO INFLECTION POINT DETECT	
|UR	NO DATA: UNPRESERVED SAMP REQUIRED	
|VE	INSUFFICIENT SAMP:VISUAL EST:RSP<15	
|VN	NO DATA: SAMPLE CONTAINER NOT FULL	
|VU	NO DATA: VALUES USED IN CACL UNVAIL	
|WP	NO DATA: WRONG PRESERVATIVE USED	
|1W	NO DATA: SAMPLE AGE EXCEEDS 1 WK	
|12	NO DATA: SAMPLE AGE EXCEEDS 12HR	
|24	NO DATA: SAMPLE AGE EXCEEDS 24HR	
|30	NO DATA: SAMPLE AGE EXCEEDS 30 HRS	
|48	NO DATA: SAMPLE AGE EXCEEDS 48 HRS	
|72	NO DATA: SAMPLE AGE EXCEEDS 72HR	
*?	CHECK: LIS PICKED PREVIOUS RERUN	
*??	CHECK: LIS PICKED FROM PREV. RERUNS	
*DE	DEMO RESULT- DO NOT REPORT !!!!!!!!	

ABBREVIATIONS AND REMARKS USED ON REPORTS

INDIVIDUAL TEST VALUES MAY BE QUALIFIED BY ONE OF THE FOLLOWING REMARKS:

REMARK	MEANING OF REMARK	COMMENT CODE
*LO	RERUN: READING TOO LOW- USE LG ALIQ	
*RE	BAD READING. NO RESULT	
*RH	RERUN: DILUTION READING TOO HIGH	
*RL	RERUN: DILUTION READING TOO LOW	
*RR	RERUN REQUESTED	
>	ACTUAL RESULT > THAN REPORTED VALUE	PE
>SF	ACTUAL MASS > SIZED FIBRE MASS	PE
?	LATE DATA: DATA NOT YET AVAILABLE	PT
A	APPROXIMATE VALUE	
A>	APROX RSLT:EXCEED NORMAL RNGE LIMIT	
AAI	ADDITIONAL INFO AVAILABLE FROM LAB	
AGE	SAMPLE AGE EXCEEDED NORMAL LIMIT	
AID	APPROX VALUE: INSUFFICIENT DILUTION	
AIP	ANALYSIS IN PROGRESS	
AIT	ANALYSIS BY IODINE TITRATION METHOD	
ALO	TOO ORGANIC;4:1 SOL'N:SOIL RATIO	
APD	ANALYSIS PERFORMED AT DORSET LAB	
AR	ATTACHED REPORT	PT
BLD	BOTTLE LABEL/SUBMISSION FORM DIFFER	
BNL	BOTTLE NOT LABELLED- LOCATION?	
BPS	RESULTS BIASED LOW DUE TO LONG STOR	
C	BACKGROUND COUNT TOO NUMEROUS	
CIC	POSSIBLE CONTAM DUE TO IMPROPER CAP	
CID	IONCAL FOR LAB USE ONLY	
CIT	CONFIRMED BY IODINE TITRATION METH	

ABBREVIATIONS AND REMARKS USED ON REPORTS

INDIVIDUAL TEST VALUES MAY BE QUALIFIED BY ONE OF THE FOLLOWING REMARKS:

REMARK	MEANING OF REMARK	COMMENT CODE
CRC	TEMP CONTINGENCY: RSF = COND.* .065	
CRO	CALCULATED RESULT ONLY	
DCC	DANGER: SAMPLE CONTAINS CARCINOGENS	
DCN	DANGER: SAMPLE CONTAINS CYANIDE	
DCP	DANGEROUS CONSTITUENTS PRESENT	
DUP	DUPLICATE	
DWP	DRINKING WATER QUALITY POOR	
DWU	DRINKING WATER QUALITY UNSAFE!	
D24	ANALYSIS DELAYED TO 24HR: OVERLOAD.	
D48	ANALYSIS DELAYED TO 48HR: OVERLOAD.	
E	ESTIMATED OR COMPUTED VALUE STORED	
EBR	NO RESULT: BOTTLE RECEIVED EMPTY	
EDC	EXCEEDS 1978 DRINK WATER QUAL CRIT	
EV	ESTIMATED VALUE - TARE WT UNVAIL.	
FAN	FRACTION ANALY: NON-AQUEOUS PHASE	
FAP	FRACTION ANALY: PARTICULATE ONLY	
FAQ	FRACTION ANALY: AQUEOUS PHASE ONLY	
FBA	LAB STAFF:FILT.WHOLE SAMP BEFORE AN	
HRF	SUSPECTED HIGH RESULT:IRON PRECIP	
I	INTERFERENCE SUSPECTED	
IB	INTERFERENCE: BACKGROUND	PT
IC	INTERFERENCE: COLOUR	
IM	INTERFERENCE: SAMPLE MATRIX	PT
IST	INSUFFICIENT SAMPLE: PETBOTTLE LEAK	
LPI	LABELS PROBABLY INTERCHANGED	

ABBREVIATIONS AND REMARKS USED ON REPORTS

INDIVIDUAL TEST VALUES MAY BE QUALIFIED BY ONE OF THE FOLLOWING REMARKS:

REMARK	MEANING OF REMARK	COMMENT CODE
MES	2345+2346-TETRACHOLOR-PHENOL TOGETH	
MP	MULTIPHASE SAMPLE(SUSPECTED RESULT)	PT
NAF	NOT ALL REQUIRED TESTS FOUND	
NED	NOT ENOUGH DATA	
NEW	TEST ANALYZED BY NEW METHOD	PT
NNN	NOTE: CORRECTED VALUE	
NSD	NO SAMPLE DATE INDICATED	
NSS	NO SUITABLE SAMPLE	
NTR	NO TIME RECORDED: ANAYL. PERFORMED	
O	OLD: SAMPLE EXCEEDS MAX. STORAGE T.	PT
PFS	TEST PERFORMED ON PREV FROZEN SAMP	
PHA	PH ADJUSTED BEFORE ANALYSIS	
PLD	PASSIVE LOADING	
PLT	PALUSTRIC+LEVOPIMARIC ACID TOGETHER	
PNF	TEST PERFORMED ON NON-FROZEN SAMPLE	
PNS	TEST PERFORMED ON UNPRESERVE SAMPLE	
PPS	TEST PERFORMED ON PRESEVERED SAMPLE	
PS1	PCB RESEM.MIX AROCLR 1248,1254,1260	
PS2	PCB RESEM.MIX AROCLR 1242 1245 1260	
P16	PCB RESEMBLED AROCLOR 1016	PT
P20	PCB RESEMBLED MIX AROCLOR 1242 1260	
P21	PCB RESEMBLED AROCLOR 1221	
P24	PCB RESEMBLED MIX:AROCLOR 1242,1254	
P28	PCM RESEMBLED MIX:AROCLOR 1242,1248	
P32	PCB RESEMBLED AROCLOR 1232	PT

ABBREVIATIONS AND REMARKS USED ON REPORTS

INDIVIDUAL TEST VALUES MAY BE QUALIFIED BY ONE OF THE FOLLOWING REMARKS:

REMARK	MEANING OF REMARK	COMMENT CODE
P42	PCB RESEMBLED AROCLOR 1242	
P48	PCB RESEMBLED AROCLOR 1248	
P54	PCB RESEMBLED AROCLOR 1254	
P60	PCB RESEMBLED AROCLOR 1260	
P80	PCB RESEMBLED MIX:AROCLOR 1248,1260	
P84	PCB RESEMBLED MIX:AROCLOR 1248,1254	
RID	IONCAL CALC. ON INCOMPL. DATA SET	
RSP	REPEAT SAMPLE-DRINKING WATER POOR	
RSU	REPEAT SAMPLE-DRINKING H2O UNSAFE	
R24	REPEAT: 24 HRS SAMPLING TO ANALYSIS	
R48	REPEAT: 48 HRS SAMPLING TO ANALYSIS	
R72	REPEAT: 72 HRS SAMPLING TO ANALYSIS	
SBF	WHOLE FISH SUBMITTED - SBF ANALYZED	UO
SBO	SAMPLE BOTTLE OVERFILLED	
SCT	SAMPLE NOT COOLED DURING TRANSIT	
SD	SAMPLE DUPLICATES DIFFER IN APPEAR.	
SFT	SAMPLE FROZEN IN TRANSIT	
SID	SAMPLE IDENTIFICATION QUESTIONABLE	
SIL	SAMP INCORRECTLY LABELLED	
SIP	SAMPLE IMPROPERLY PRESERVED	PT
SPH	SATURATED PASTE PH REPT:HIGH ORGAN.	
SPL	SEVERAL PEAKS,LARGE,NOT PRIORITY	
SPS	SEVERAL PEAKS,SMALL,NOT PRIORITY	
SQT	RESULT BASED ON SEMI-QUANT. METHOD	
SRP	SPECIAL RESAMPLE- DRINKING H2O POOR	

ABBREVIATIONS AND REMARKS USED ON REPORTS

INDIVIDUAL TEST VALUES MAY BE QUALIFIED BY ONE OF THE FOLLOWING REMARKS:

REMARK	MEANING OF REMARK	COMMENT CODE
STA	SAMP TOO OLD FOR RE-ANALYSIS	
STC	SAMP TOO COMPLEX FOR THIS METHOD	
TAF	TRACE AMOUNT FOUND	
TNA	SOME TESTS REQUESTED NOT AVAILABLE	
U	UNRELIABLE RESULT	
UAM	UNRELIABLE: ANALYZER MALFUNCTION	
UAU	UNRELIABLE- SAMPLE AGE UNKNOWN	
UCI	UNRELIABLE: SUSPECTED CL2 INTERFER.	
UCL	UNRELIABLE: EXCESSIVE CL2 LEVEL	
UMF	UNRELIABLE: MULTIPLE FILTERS SUBMIT	
UQC	DATA UNRELIABLE: POSSIBLE LAB QC P.	PT
URD	RESULT MAY BE LOW: UNDISOLVE PART.	
USF	UNRELIABLE: SAMPLE FROZEN IN TRANS.	
USM	ALUMINUM FOR METALS SAMPLE	PT
USP	PLASTIC ORGANICS SAMPLE	PT
UST	UNRELIABLE: PET BOTTLE LEAKED TRANS	
UTF	UNRELIABLE: TORN FILTER	
U24	UNRELIABLE: SAMPLE AGE EXCEEDS 24HR	
U30	UNRELIABLE- SAMPLE AGE EXCEEDS 30HR	
WFA	WHOLE FISH ANALYZED	UO
WSB	WARNING-HEAVY SILT IN SAMP BIAS RES	
WSD	WRONG SAMP DESCRIPTION ON BOTTLE	
WST	WET SAMP MASS USED:RESLT REPT MG/KG	
X1	DILUTD BY 10 DETECT LIMT 10X NORM	
X2	DILUTD BY 100 DETECT LIMT 100X NORM	

ABBREVIATIONS AND REMARKS USED ON REPORTS

INDIVIDUAL TEST VALUES MAY BE QUALIFIED BY ONE OF THE FOLLOWING REMARKS:

REMARK	MEANING OF REMARK	COMMENT CODE
24P	P-A BOTTLE POSITIVE AFTER 24 HOURS	
48P	P-A BOTTLE POSITIVE AFTER 48 HOURS	
72P	P-A BOTTLE POSITIVE AFTER 72 HOURS	
96P	P-A BOTTLE POSITIVE AFTER 96 HOURS	
99P	P-A BOTTLE POSITIVE AFTER 120 HOURS	

COMPUTED VALUES MAY BE QUALIFIED BY ONE OF THE FOLLOWING REMARKS:

<A	VALUE WITH A REMARK WHICH HAS A COMMENT CODE OF PT (AS ABOVE) USED IN COMPUTATIONS
	NOTE: VALUES WITH COMMENT CODE OF PE ARE NOT USED IN COMPUTATIONS

REMARK CODES APPEAR TO THE RIGHT OF THE VALUE I.E. 435.56<T

B.O.W./ SITE: CONSEC.. CREEK
SAMPLE POINT: AT MILL DAM CONSECON
STATION TYPE: RIVER

STATION ID: 06-0157-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: CONSECON CREEK

STORET CODE: 02
004
2640

LAT: 43 59 40.56 LONG: 077 31 20.29 U T M: 18 0297750.0 4874150.0 4 REGION: 04 DISTANCE: 0.322

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT ALK	ASUT ARSENIC	COND25 CONDUCT.	CUUT COPPER	DO DISOLVED	FEUT IRON	FWSTRC	FWTEMP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	TOTAL MG/L AS CACO3	UNF.TOT. MG/L AS AS	25C UMHO/CM AT 25 C	UNF.TOT. MG/L AS CU	OXYGEN MG/L AS O	UNF.TOT. MG/L AS FE	STREAM COND.	WATER TEMP DEG.C
840131	1000	57805	0.30	0101	181.4	0.001<	403.0	0.003	5.00	0.030<T	4 8	2.0
840306	1015	57814	0.30	0101	134.5	0.001<	311.0	0.003	6.00	0.100	8 4	1.0
840327	1031	57823	0.30	0101	145.3	0.001<	325.0	0.002	8.00	0.075	6 8	4.0
840424	1030	57832	0.30	0101	143.6	0.001<	322.0	0.005	3.00	0.090	6 8	9.0
840529	1045	57832	0.30	0101	136.0	0.001<	303.0	0.003	3.00	0.035	8	14.0
840626	1005	57850	0.30	0101	99.4	0.001<	235.0	0.002		0.080	6 8	22.0
840731	1045	57859	0.30	0101	79.6	0.001<	200.0	0.007	13.00	0.080	6 8	25.0
840828	1040	57868	0.30	0101	95.6	0.001<	230.0	0.001	9.00	0.045	6 8	24.0
841001	1015	57877	0.30	0101	114.3	0.001<	258.0	0.001	4.00	0.140	6 8	14.5
841030	1010	57886	0.30	0101	110.3	0.001<	255.0	0.002	7.00	0.060	6 8	14.0
841127	1030	57895	0.30	0101	124.8	0.001<	290.0	0.005	6.00	0.115	6 8	6.0
		MAXIMUM	0.30		181.4		403.0	0.007	13.00	0.140		25.0
		ARITH MEAN	0.30		124.1		284.7	0.003	6.40	0.077<A		12.3
		GEOM MEAN			121.1		279.7	0.003	5.79	0.070<A		8.5
		MINIMUM	0.30		79.6		200.0	0.001	3.00	0.030		1.0
		STD DEV (GEOM *)			28.4		56.8	0.002	3.06	0.034<A		8.7
		# SAMP IN STATISTICS	11		11		11	11	10	11		11
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			NIUT NICKEL	PBUT LEAD	PH	PHNOL PHENOLS	PPUT PHOSPHOR	TURB	ZNUT ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS NI	UNF.TOT. MG/L AS PB	PH	UNF-REAC UG/L PHENOL	UNF.TOT. MG/L AS P	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
840131	1000	57805	0.002<	0.003<	7.98		0.016	0.64	0.001
840306	1015	57814	0.002<	0.003<	7.76	0.2<T	0.021	0.95	0.002
840327	1031	57823	0.002<	0.003<	7.84	-0.6<T	0.017	0.77	0.001
840424	1030	57832	0.002<	0.003<	8.06	-0.8<T	0.018	1.23	0.005
840529	1045	57832	0.002<	0.003<	6.34	1.0	0.038	11.15	0.003
840626	1005	57850	0.002<	0.003<	7.80	0.2<W	0.029	3.20	0.002
840731	1045	57859	0.002<	0.430	8.02	0.6<T	0.031	1.17	0.005
840828	1040	57868	0.002<	0.003<	7.65	0.6<T	0.022	2.90	0.001
841001	1015	57877	0.002<	0.003<	7.68	0.4<T	0.075	7.20	0.002
841030	1010	57886	0.002<	0.003<	7.93	1.6	0.017	0.78	0.003
841127	1030	57895	0.002<	0.003<	8.20	0.8	0.021	5.40	0.007

(C O N T D)

B.O.W./ SITE: CONSECON CREEK
SAMPLE POINT: AT MILL DAM CONSECON
STATION TYPE: RIVER

STATION ID: 06-0157-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: CONSECON CREEK

STORET CODE: 02
004
2640

LAT: 43 59 40.56 LONG: 077 31 20.29 U T M: 18 0297750.0 4874150.0 4 REGION: 04 DISTANCE: 0.322

*=INTERIM TEST-NAME: SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	NIUT NICKEL UNF.TOT. MG/L AS NI	PBUT LEAD UNF.TOT. MG/L AS PB	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	PPUT PHOSPHOR UNF.TOT. MG/L AS P	TURB TURB'ITY FTU	ZNUT ZINC UNF.TOT. MG/L AS ZN
MAXIMUM				0.430	8.20	1.6	0.075	11.15	0.007
ARITH MEAN				0.430	7.75	0.4<A	0.028	3.22	0.003
GEOM MEAN					7.73		0.025	2.01	0.002
MINIMUM				0.430	6.34	-0.8	0.016	0.64	0.001
STD DEV (GEOM *)					0.50		0.017	3.40	0.002
# SAMP IN STATISTICS				1	11	10	11	11	11
% SAMP (EXCLUDED)				90					

B.O.W./ SITE: CONSECON CREEK
SAMPLE POINT: AT COUNTY ROAD 2 ALLISONVILLE
STATION TYPE: RIVER FLOW GAUGE FED 02HE002

STATION ID: 06-0157-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: CONSECON CREEK

STORET CODE: 02 004 2640

LAT: 44 01 39.48 LONG: 077 22 01.59 U T M: 18 0310300.0 4877450.0 4 REGION: 04 DISTANCE: 14.001

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT ALK	ASUT ARSENIC	COND25 CONDUCT.	CUUT COPPER	DO DISOLVED	FEUT IRON	FWFLOW STREAM	FWSTRC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	TOTAL MG/L AS CACO3	UNF.TOT. MG/L AS AS	25C UMHO/CM AT 25 C	UNF.TOT. MG/L AS CU	OXYGEN MG/L AS O	UNF.TOT. MG/L AS FE	FLOW M3 /S	STREAM COND.
840131	0940	57804	0.30	0101	234.3	0.001	528.0	0.013	2.00	1.375	0.220	4 8
840306	0955	57813	0.30	0101	177.5	0.001<	388.0	0.026	4.00	0.495	0.760	8 4
840327	1015	57822	0.30	0101	148.0	0.001<	325.0	0.004	7.00	0.185	8.710	8 6
840424	1010	57831	0.30	0101	143.4	0.001<	299.0		4.00	0.120	2.680	6 8
840529	1025	57831	0.30	0101	179.3	0.001	348.0	0.003	2.50	0.240	1.230	8
840626	0945	57849	0.30	0101	200.3	0.001<	389.0	0.002		0.200	0.118	6 7
840731	1020	57858	0.30	0101	171.3	0.001	347.0	0.003	11.00	0.355	0.006	7
840828	1020	57867	0.30	0101		0.001		0.001	5.00		0.007	7 6
841001	0955	57876	0.30	0101	148.8	0.001<	340.0	0.002	10.00	0.730	0.005	6 7
841030	0945	57885	0.30	0101	157.9	0.001<	355.0	0.003	11.00	0.540	0.004	6 8
841127	1005	57894	0.30	0101	196.8	0.001<	445.0	0.003	9.00	0.090	0.010	6 8
		MAXIMUM	0.30		234.3	0.001	528.0	0.026	11.00	1.375	8.710	
		ARITH MEAN	0.30		175.8	0.001	376.4	0.006	6.55	0.433	1.250	
		GEOM MEAN			173.8		371.6	0.004	5.60	0.313	0.093	
		MINIMUM	0.30		143.4	0.001	299.0	0.001	2.00	0.090	0.004	
		STD DEV (GEOM *)			28.6		66.7	0.008	3.50	0.390	2.608	
		# SAMP IN STATISTICS	11		10	4	10	10	10	10	11	
		% SAMP (EXCLUDED)				63						

*=INTERIM TEST-NAME:			FWTEMP	NIUT NICKEL	PBUT LEAD	PH	PHNOL PHENOLS	PPUT PHOSPHOR	TURB	ZNUT ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	WATER TEMP DEG.C	UNF.TOT. MG/L AS NI	UNF.TOT. MG/L AS PB	PH	UNF-REAC UG/L PHENOL	UNF.TOT. MG/L AS P	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
840131	0940	57804	1.0	0.002<	0.003<	7.07		0.050	3.40	0.008
840306	0955	57813	1.0	0.002	0.003<	7.16	0.4<T	0.073	0.97	0.020
840327	1015	57822	2.0	0.002<	0.003<	7.42	-0.4<T	0.031	0.66	0.004
840424	1010	57831	9.0			7.90	0.2<T	0.020	0.43	
840529	1025	57831	11.0	0.002<	0.003<	6.47	-0.4<T	0.072	14.40	0.003
840626	0945	57849	20.0	0.002<	0.003<	8.08	-0.4<T	0.076	2.70	0.002
840731	1020	57858	24.0	0.002<	0.003<	7.60	0.8	0.092	3.10	0.005
840828	1020	57867	23.0	0.002<	0.003<		0.8			0.002
841001	0955	57876	11.0	0.002<	0.003<	7.65	0.8	0.185	11.50	0.006
841030	0945	57885	10.0	0.002<	0.003<	7.76	1.8	0.062	2.30	0.005
841127	1005	57894	5.0	0.002<	0.003<	8.09	1.0	0.037	1.45	0.001

(C O N T D)

1984 WATER QUALITY DATA REGION 4

STATION ID: 06-0157-002-02

B.O.W./ SITE: CONSECON CREEK
SAMPLE POINT: AT COUNTY ROAD 2 ALLISONVILLE
STATION TYPE: RIVER FLOW GAUGE FED 02HE002

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: CONSECON CREEK

STORET CODE: 02
004
2640

LAT: 44 01 39.48 LONG: 077 22 01.59 U T M: 18 0310300.0 4877450.0 4 REGION: 04 DISTANCE: 14.001

*=INTERIM TEST-NAME: SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	FWTEMP WATER TEMP DEG.C	NIUT NICKEL UNF.TOT. MG/L AS NI	PBUT LEAD UNF.TOT. MG/L AS PB	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	PPUT PHOSPHOR UNF.TOT. MG/L AS P	TURB TURB'ITY FTU	ZNUT ZINC UNF.TOT. MG/L AS ZN
		MAXIMUM	24.0	0.002		8.09	1.8	0.185	14.40	0.020
		ARITH MEAN	10.6	0.002		7.52	0.5<A	0.070	4.09	0.006
		GEOM MEAN	6.7			7.50		0.059	2.31	0.004
		MINIMUM	1.0	0.002		6.47	-0.4	0.020	0.43	0.001
		STD DEV (GEOM *)	8.5			0.51		0.046	4.83	0.005
		# SAMP IN STATISTICS	11	1		10	10	10	10	10
		% SAMP (EXCLUDED)		90						

B.O.W./ SITE: CONSECON CREEK
SAMPLE POINT: AT HIGHWAY 14
STATION TYPE: RIVER

STATION ID: 06-0157-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: CONSECON CREEK

STORET CODE: 02
004
2640

LAT: 44 01 51.95 LONG: 077 17 07.84 U T M: 18 0316850.0 4877650.0 4 REGION: 04 DISTANCE: 22.852

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	COND25	CUUT	DO	FEUT	FWSTRC	FWTEMP
					ALK	ARSENIC	CONDUCT.	COPPER	DISOLVED	IRON		
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	TOTAL MG/L AS CACO3	UNF.TOT. MG/L AS AS	25C UMHO/CM AT 25 C	UNF.TOT. MG/L AS CU	OXYGEN MG/L AS O	UNF.TOT. MG/L AS FE	STREAM COND.	WATER TEMP DEG.C
840131	0930	57803	0.30	0101	218.4	0.001<	517.0	0.003	1.00	1.675	4 0	1.0
840306	0945	57812	0.30	0101	157.6	0.001<	379.0	0.003	2.00	0.520	8 4	1.0
840327	0955	57821	0.30	0101	146.0	0.001<	330.0	0.003	4.00	0.300	8 0	1.5
840424		57830	0.30	0101	136.7	0.001<	289.0	0.005	2.00	0.250	6 8	9.0
840529		57830	0.30	0101	165.3	0.001	326.0	0.003	2.50	0.340	8	12.0
840626	0930	57848	0.30	0101	215.4	0.001<	412.0	0.003		1.200	6 7	20.0
840731	0950	57857	0.30	0101	220.0	0.001	418.0	0.002	2.00	1.625	7	22.0
840828	1000	57866	0.30	0101	219.5	0.001	425.0	0.001	2.00	2.325	7	20.0
841001	0940	57875	0.30	0101	219.7	0.001<	425.0	0.004	2.00	2.500	6 7	12.0
841030	0920	57884	0.30	0101	223.2	0.001<	430.0	0.002	3.00	1.500	6 7	13.0
841127	0946	57893	0.30	0101	263.4	0.001<	530.0	0.003	4.00	0.725	6 8	1.0
		MAXIMUM	0.30		263.4	0.001	530.0	0.005	4.00	2.500		22.0
		ARITH MEAN	0.30		198.7	0.001	407.4	0.003	2.45	1.178		10.2
		GEOM MEAN			194.7		401.1	0.003	2.28	0.889		5.7
		MINIMUM	0.30		136.7	0.001	289.0	0.001	1.00	0.250		1.0
		STD DEV (GEOM *)			40.3		74.7	0.001	0.96	0.812		8.2
		# SAMP IN STATISTICS	11		11	3	11	11	10	11		11
		% SAMP (EXCLUDED)				72						

*=INTERIM TEST-NAME:			NIUT	PBUT	PH	PHNOL	PPUT	TURB	ZNUT
			NICKEL	LEAD		PHENOLS	PHOSPHOR		ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS NI	UNF.TOT. MG/L AS PB	PH	UNF-REAC UG/L PHENOL	UNF.TOT. MG/L AS P	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
840131	0930	57803	0.002<	0.003<	7.02		0.220	4.30	0.004
840306	0945	57812	0.002<	0.003<	7.05	0.2<T	0.050	0.73	0.002
840327	0955	57821	0.002<	0.003<	7.18	-0.6<T	0.050	1.16	0.003
840424		57830	0.002<	0.003<	7.69	0.2<T	0.055	0.76	0.004
840529		57830	0.002<	0.003<	7.10	2.2	0.128	11.60	0.002
840626	0930	57848	0.002<	0.003<	7.43	-0.4<T	0.250	6.70	0.003
840731	0950	57857	0.002<	0.003<	7.24	0.8	0.250	3.80	0.006
840828	1000	57866	0.002<	0.003<	7.33	3.2	0.475	10.30	0.006
841001	0940	57875	0.002<	0.003<	7.24	1.0	0.840	122.00	0.020
841030	0920	57884	0.002<	0.003<	7.43	1.4	0.258	4.60	0.003
841127	0946	57893	0.002<	0.003<	7.38	3.2	0.433	5.30	0.003

(C O N T D)

B.O.W./ SITE: CONSECON CREEK
SAMPLE POINT: AT HIGHWAY 14
STATION TYPE: RIVER

STATION ID: 06-0157-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: CONSECON CREEK

STORET CODE: 02
004
2640

LAT: 44 01 51.95 LONG: 077 17 07.84 U T M: 18 0316850.0 4877650.0 4 REGION: 04 DISTANCE: 22.852

*=INTERIM TEST-NAME: SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	NIUT NICKEL UNF.TOT. MG/L AS NI	PBUT LEAD UNF.TOT. MG/L AS PB	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	PPUT PHOSPHOR UNF.TOT. MG/L AS P	TURB TURB'ITY FTU	ZNUT ZINC UNF.TOT. MG/L AS ZN
MAXIMUM					7.69	3.2	0.840	122.00	0.020
ARITH MEAN					7.28	1.1<A	0.274	15.57	0.005
GEOM MEAN					7.28		0.189	4.71	0.004
MINIMUM					7.02	-0.6	0.050	0.73	0.002
STD DEV (GEOM *)					0.20		0.237	35.48	0.005
# SAMP IN STATISTICS					11	10	11	11	11
% SAMP (EXCLUDED)									

B.O.W./ SITE: BLOOMFIELD CREEK
SAMPLE POINT: AT CHURCH STREET BLOOMFIELD
STATION TYPE: RIVER FLOW GAUGE FED 02HE001

STATION ID: 06-0163-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: BLOOMFIELD CREEK

STORET CODE: 02
004
2460

LAT: 43 58 25.63 LONG: 077 14 49.76 U T M: 18 0319750.0 4871200.0 4 REGION: 04 DISTANCE: 5.954

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT ALK	ASUT ARSENIC	COND25 CONDUCT.	CUUT COPPER	DO DISOLVED	FEUT IRON	FWFLOW STREAM	FWSTRC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	TOTAL MG/L AS CACO3	UNF.TOT. MG/L AS AS	25C UMHO/CM AT 25 C	UNF.TOT. MG/L AS CU	OXYGEN MG/L AS O	UNF.TOT. MG/L AS FE	FLOW M3 /S	STREAM COND.
840131	0915	57802	0.30	0101	238.0	0.001<	669.0	0.010	5.00		0.078	4 8
840306	0915	57811	0.30	0101	221.5	0.001<	573.0	0.007	5.00	0.035<T	0.227	8 4
840327	0940	57820	0.30	0101	172.1	0.001<	425.0	0.003	8.00	0.120	0.669	8
840424	0945	57829	0.30	0101	201.7	0.001<	480.0	0.006	5.00	0.050	0.504	6 8
840529	0945	57829	0.30	0101	228.4	0.001<	495.0	0.004	2.00	0.250	0.366	8
840626	0915	57847	0.30	0101	233.7	0.001<	531.0	0.003		0.770	0.055	6 7
840731	0930	57856	0.30	0101	337.8	0.001<	1390.0	0.003	1.00	3.100	0.018	7
840828	0925	57865	0.30	0101	336.3	0.001<	1006.0	0.003	2.00	1.875	0.014	7
841001	0924	57874	0.30	0101	619.5	0.001<	1660.0	0.004	4.00	1.540	0.016	6 7
841030	0900	57883	0.30	0101	497.6	0.001<	1236.0	0.006	1.00	3.150	0.008	6 8
841127	0927	57892	0.30	0101	365.8	0.001<	985.0	0.005	1.00	1.900	0.043	4 0
		MAXIMUM	0.30		619.5		1660.0	0.010	8.00	3.150	0.669	
		ARITH MEAN	0.30		313.9		859.1	0.005	3.40	1.279<A	0.182	
		GEOM MEAN			290.7		772.0	0.005	2.63	0.541<A	0.069	
		MINIMUM	0.30		172.1		425.0	0.003	1.00	0.035	0.008	
		STD DEV (GEOM *)			138.4		423.5	0.002	2.37	1.218<A	0.232	
		# SAMP IN STATISTICS	11		11		11	11	10	10	11	
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			FWTEMP	NIUT NICKEL	PBUT LEAD	PH	PHNOL PHENOLS UNF-REAC	PPUT PHOSPHOR UNF.TOT.	TURB	ZNUT ZINC UNF.TOT.
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	WATER TEMP DEG.C	UNF.TOT. MG/L AS NI	UNF.TOT. MG/L AS PB	PH	UG/L PHENOL	MG/L AS P	TURB'ITY FTU	MG/L AS ZN
840131	0915	57802	1.0	0.003	0.003<	7.50		0.975		0.042
840306	0915	57811	1.0	0.002<	0.003<	7.56	0.2<W	0.066	0.77	0.007
840327	0940	57820	2.0	0.002<	0.003<	7.90	-0.2<T	0.065	1.04	0.002
840424	0945	57829	9.0	0.002<	0.003<	7.94	-1.0<T	0.075	0.98	0.007
840529	0945	57829	12.0	0.002<	0.003<	7.00	0.6<T	0.300	19.90	0.003
840626	0915	57847	19.0	0.003	0.003<	7.52	0.2<T	0.500	5.10	0.005
840731	0930	57856	26.0	0.002<	0.003<	7.19	6.0	2.580	12.80	0.010
840828	0925	57865	21.0	0.002<	0.003<	7.62	0.6<T	1.340	15.20	0.008
841001	0924	57874	11.0	0.002<	0.003<	7.87	0.6<T	3.580	15.80	0.021
841030	0900	57883	14.0	0.002<	0.003<	7.44	15.2	4.580	24.00	0.022
841127	0927	57892	1.0	0.002<	0.003<	7.42	9.4	2.400	7.10	0.005

(C O N T D)

B.O.W./ SITE: BLOOMFIELD CREEK
SAMPLE POINT: AT CHURCH STREET BLOOMFIELD
STATION TYPE: RIVER FLOW GAUGE FED 02HE001

STATION ID: 06-0163-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: BLOOMFIELD CREEK

STORET CODE: 02
004
2460

LAT: 43 58 25.63 LONG: 077 14 49.76 U T M: 18 0319750.0 4871200.0 4 REGION: 04 DISTANCE: 5.954

*=INTERIM TEST-NAME: SAMPLE DATE HOUR YYMMDD LMT	SAMPLE NUMBER	FWTEMP WATER TEMP DEG.C	NIUT NICKEL UNF.TOT. MG/L AS NI	PBUT LEAD UNF.TOT. MG/L AS PB	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	PPUT PHOSPHOR UNF.TOT. MG/L AS P	TURB TURB'ITY FTU	ZNUT ZINC UNF.TOT. MG/L AS ZN
MAXIMUM		26.0	0.003		7.94	15.2	4.580	24.00	0.042
ARITH MEAN		10.6	0.003		7.54	3.2<A	1.496	10.27	0.012
GEOM MEAN		6.0			7.54		0.632	5.78	0.008
MINIMUM		1.0	0.003		7.00	-1.0	0.065	0.77	0.002
STD DEV (GEOM *)		8.8			0.29		1.571	8.44	0.012
# SAMP IN STATISTICS		11	2		11	10	11	10	11
% SAMP (EXCLUDED)			81						

B.O.W./ SITE: BLACK RIVER
SAMPLE POINT: AT COUNTY ROAD 17
STATION TYPE: RIVER

STATION ID: 06-0172-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: BLACK RIVER

STORET CODE: 02
004
2010

LAT: 43 56 04.08 LONG: 077 05 21.56 U T M: 18 0332300.0 4866500.0 4 REGION: 04 DISTANCE: 7.725

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	COND25	CUUT	DO	FEUT	FWSTRC	FWTEMP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	IRON UNF.TOT. MG/L AS FE	STREAM COND.	WATER TEMP DEG.C
840131	0850	57801	0.30	0101	206.9	0.001<	491.0	0.018	7.00	0.085	4 8	1.0
840306	0850	57810	0.30	0101	187.6	0.001<	406.0	0.008	7.00	0.060	8	1.0
840327	0915	57819	0.30	0101	152.2	0.001<	330.0	0.055	3.00	0.075	8	1.5
840424	0920	57828	0.30	0101	166.6	0.001<	345.0	0.007	4.00	0.125	6 8	10.0
840529	0915	57828	0.30	0101	202.6	0.001<	396.0	0.005	9.00	0.285	8	14.0
840626	0840	57846	0.30	0101	181.1	0.001<	356.0	0.002		0.205	8	23.0
840731	0855	57855	0.30	0101	139.1	0.001<	280.0	0.002	11.00	0.235	8	25.0
840828	0900	57864	0.30	0101	124.6	0.001<	260.0	0.001	7.00	0.135	6 8	24.0
841001	0855	57873	0.30	0101	126.7	0.001<	265.0	0.002	10.00	0.380	6 8	16.0
841030	0830	57882	0.30	0101	131.8	0.001<	270.0	0.003	11.00	0.255	6 8	14.0
841127	0850	57891	0.30	0101	153.8	0.001<	325.0	0.008	9.00	0.105	8	4.5
		MAXIMUM	0.30		206.9		491.0	0.055	11.00	0.380		25.0
		ARITH MEAN	0.30		161.2		338.5	0.010	7.80	0.177		12.2
		GEOM MEAN			158.7		332.1	0.005	7.25	0.151		7.3
		MINIMUM	0.30		124.6		260.0	0.001	3.00	0.060		1.0
		STD DEV (GEOM *)			29.9		71.7	0.016	2.74	0.103		9.3
		# SAMP IN STATISTICS	11		11		11	11	10	11		11
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			NIUT	PBUT	PH	PHNOL	PPUT	TURB	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	NICKEL UNF.TOT. MG/L AS NI	LEAD UNF.TOT. MG/L AS PB	PH	PHENOLS UNF-REAC UG/L PHENOL	PHOSPHOR UNF.TOT. MG/L AS P	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840131	0850	57801	0.003	0.003<	7.65		0.027	0.83	0.021
840306	0850	57810	0.003	0.003<	7.68	0.2<W	0.016	0.65	0.016
840327	0915	57819	0.004	0.003	7.90	-0.6<T	0.015	0.56	0.060
840424	0920	57828	0.002<	0.003<	8.14	-0.8<T	0.016	2.50	0.004
840529	0915	57828	0.002<	0.003<	7.02	0.6<T	0.018	8.85	0.002
840626	0840	57846	0.002<	0.003<	8.06	0.2<W	0.037	5.20	0.004
840731	0855	57855	0.002<	0.003<	7.94	0.6<T	0.038	3.70	0.006
840828	0900	57864	0.002<	0.003<	7.96	1.2	0.028	2.70	0.009
841001	0855	57873	0.002<	0.003<	7.94	0.6<T	0.034	5.80	0.003
841030	0830	57882	0.002<	0.003<	7.83	1.8	0.037	3.60	0.006
841127	0850	57891	0.002<	0.003<	8.23	1.4	0.017	2.60	0.015

B.O.W./ SITE: BLACK RIVER
SAMPLE POINT: AT COUNTY ROAD 17
STATION TYPE: RIVER

STATION ID: 06-0172 001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: BLACK RIVER

STORET CODE: 02
004
2010

LAT: 43 56 04.08 LONG: 077 05 21.56 U T M: 18 0332300.0 4866500.0 4 REGION: 04 DISTANCE: 7.725

*=INTERIM TEST-NAME:		NIUT NICKEL	PBUT LEAD	PH	PHNOL PHENOLS	PPUT PHOSPHOR	TURB	ZNUT ZINC
SAMPLE DATE HOUR YYMMDD LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS NI	UNF.TOT. MG/L AS PB	PH	UNF-REAC UG/L PHENOL	UNF.TOT. MG/L AS P	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
MAXIMUM		0.004	0.003	8.23	1.8	0.038	8.85	0.060
ARITH MEAN		0.003	0.003	7.85	0.5<A	0.026	3.36	0.013
GEOM MEAN				7.84		0.024	2.45	0.008
MINIMUM		0.003	0.003	7.02	-0.8	0.015	0.56	0.002
STD DEV (GEOM *)				0.33		0.010	2.51	0.017
# SAMP IN STATISTICS		3	1	11	10	11	11	11
% SAMP (EXCLUDED)		72	90					

B.O.W./ SITE: MILLHAVEN CREEK STATION ID: 06-0180-004-02
SAMPLE POINT: FIRST CONCESSION ROAD SOUTH OF ODESSA
STATION TYPE: RIVER MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE ONTARIO 004
TERM STREAM: MILLHAVEN CREEK 0080

LAT: 44 15 42.14 LONG: 076 43 38.77 U T M: 18 0362110.0 4902175.0 4 REGION: 04 DISTANCE: 6.437

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	BODS	CLIDUR	COND25	CUUT	DO	DOC	FCMF
					ALK	BOD 5 DAY	CHLORIDE	CONDUCT.	COPPER	DISOLVED	CARBON DISOLVED	FECAL COLIFORM
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	TOTAL MG/L AS CACO3	TOT.DEM. MG/L AS O	UNF.REAC MG/L AS CL-	25C UMHO/CM AT 25 C	UNF.TOT. MG/L AS CU	OXYGEN MG/L AS O	ORGANIC MG/L AS C	MF CNT /100ML
840109	0900	58502	0.30	0101	190.3	1.45	14.62	438.0	0.003	10.40		
840206	0900	58511	0.30	0101	180.9	1.08	18.24	435.0	0.002	10.00		10<=>
840319	0850	58520	0.30	0101	171.5	1.07	29.01	398.0	0.050	12.00		100
840424	0915	58531	0.30	0101	132.9	1.15	9.64	307.0	0.005	11.80		
840515	0910	58538	0.30	0101	142.4	1.70	11.89	328.0	0.010	10.80		
840612	0915	58547	0.30	0101	140.4	1.50	12.26	330.0	0.002	8.60		
840710	0905	58556	0.30	0101	137.8		13.28	322.0	0.002	9.00	9.3	
840807	0850	58565	0.30	0101	129.8	0.52	12.21	300.0	0.002	7.00		
840918	0900	58574	0.30	0101	129.0	0.68	11.88	300.0	0.001	9.80		
841016	0900	58583	0.30	0101	138.1	0.72	12.66	330.0	0.002	8.60		
841106	0910	58592	0.30	0101	141.3	0.99	16.39	345.0	0.002	10.80		
841204	0920	58601	0.30	0101	160.1	1.66	20.10	395.0	0.004	13.60		
		MAXIMUM	0.30		190.3	1.70	29.01	438.0	0.050	13.60	9.3	100
		ARITH MEAN	0.30		149.5	1.14	15.18	352.3	0.007	10.20	9.3	55
		GEOM MEAN			148.3	1.07	14.51	349.2	0.003	10.05		32
		MINIMUM	0.30		129.0	0.52	9.64	300.0	0.001	7.00	9.3	10
		STD DEV (GEOM *)			20.9	0.40	5.28	50.6	0.014	1.79		5*
		# SAMP IN STATISTICS	12		12	11	12	12	12	12	1	2
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			FSMF	FWSTRC	FWTEMP	NNHTFR	PBUT	PH	PPUT	TCMF	TCMFBK	TURB
			FECAL STREPCUS			NH3-N TOTAL	LEAD		PHOSPHOR	COLIFORM TOTAL	COLIFORM TOTAL MF	
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	MF CNT /100ML	STREAM COND.	WATER TEMP DEG.C	FIL.REAC MG/L AS N	UNF.TOT. MG/L AS PB	PH	UNF.TOT. MG/L AS P	MF CNT /100ML	BCKGRD CNT /100ML	TURB'ITY FTU
840109	0900	58502		4 8	1.0	0.038	0.003<	8.20	0.079			8.90
840206	0900	58511	10<	4 8	1.0	0.358	0.003<	7.53	0.033	40<=>	500	1.60
840319	0850	58520	16	8	1.0	0.204	0.003<	8.05	0.027	200	940	1.67
840424	0915	58531		8	9.0	0.034	0.003<	8.36	0.024			1.43
840515	0910	58538		8	11.0	0.044	0.003<	8.22	0.034			1.82
840612	0915	58547		8	20.0	0.040	0.003<	8.10	0.049			3.10
840710	0905	58556		8	20.0	0.144	0.003<	8.04	0.084			4.10
840807	0850	58565		8	24.0	0.036	0.003<	8.06	0.076			4.80
840918	0900	58574		8	14.0	0.026	0.003<	7.97	0.028			3.00
841016	0900	58583		8	12.0	0.016	0.003<	7.98	0.029			1.13
841106	0910	58592		8	7.0	0.006	0.003<	8.15	0.034			1.70
841204	0920	58601		8	1.0	0.038	0.003<	8.24	0.043			3.10

(C O N T D)

B.O.W./ SITE: HILLHAVEN CREEK STATION ID: 06-0180-004-02
SAMPLE POINT: FIRST CONCESSION ROAD SOUTH OF ODESSA
STATION TYPE: RIVER MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE ONTARIO 004
TERM STREAM: HILLHAVEN CREEK 0080

LAT: 44 15 42.14 LONG: 076 43 38.77 U T M: 18 0362110.0 4902175.0 4 REGION: 04 DISTANCE: 6.437

*=INTERIM TEST-NAME:			FSMF FECAL STREPCUS	FWSTRC	FWTEMP	NNHTFR NH3-N TOTAL	PBUT	PH	PPUT	TCMF COLIFORM TOTAL	TCMFBK COLIFORM TOTAL MF	TURB
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	MF CNT /100ML	STREAM COND.	WATER TEMP DEG.C	FIL.REAC MG/L AS N	LEAD UNF.TOT. MG/L AS PB	PH	PHOSPHOR UNF.TOT. MG/L AS P	MF CNT /100ML	BCKGRD CNT /100ML	TURB'ITY FTU
	MAXIMUM		16		24.0	0.358		8.36	0.084	200	940	8.90
	ARITH MEAN		16		10.1	0.082		8.07	0.045	120	720	3.03
	GEOM MEAN				5.7	0.046		8.07	0.041	89	686	2.53
	MINIMUM		16		1.0	0.006		7.53	0.024	40	500	1.13
	STD DEV (GEOM *)				8.3	0.104		0.21	0.022	3*	2*	2.18
	# SAMP IN STATISTICS		1		12	12		12	12	2	2	12
	% SAMP (EXCLUDED)		50									

*=INTERIM TEST-NAME:			ZNUT ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS ZN
840109	0900	58502	0.010
840206	0900	58511	0.008
840319	0850	58520	0.010
840424	0915	58531	0.008
840515	0910	58538	0.009
840612	0915	58547	0.007
840710	0905	58556	0.011
840807	0850	58565	0.006
840918	0900	58574	0.002
841016	0900	58583	0.005
841106	0910	58592	0.006
841204	0920	58601	0.005
	MAXIMUM		0.011
	ARITH MEAN		0.007
	GEOM MEAN		0.007
	MINIMUM		0.002
	STD DEV (GEOM *)		0.003
	# SAMP IN STATISTICS		12
	% SAMP (EXCLUDED)		

B.O.W./ SITE: MILLHAVEN CREEK
SAMPLE POINT: AT COUNTY ROAD 6
STATION TYPE: RIVER

STATION ID: 06-0180-005-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MILLHAVEN CREEK

STORET CODE: 02
004
0080

LAT: 44 17 07.80 LONG: 076 43 00.22 U T M: 18 0363020.0 4904800.0 4 REGION: 04 DISTANCE: 10.782

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	COND25	CUUT	DO	FEUT	FWSTRC	FWTEMP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	IRON UNF.TOT. MG/L AS FE	STREAM COND.	WATER TEMP DEG.C
840109	0930	58503	0.30	0101	191.0	0.001<	428.0	0.006	2.40	0.215	4 8	1.0
840206	0935	58512	0.30	0101	180.6	0.001<	418.0	0.003	4.00	0.235	4 8	1.0
840319	0915	58521	0.30	0101	173.2	0.001<	390.0	0.006	5.00	0.095	4 8	1.0
840424	0950	58530	0.30	0101	132.1	0.001<	300.0	0.003	10.00	0.025<T	8	9.0
840515	0935	58539	0.30	0101	139.3	0.001<	316.0	0.001	10.00	0.101	8	11.0
840612	0935	58548	0.30	0101	137.7	0.001<	317.0	0.011	7.80	0.075	8	24.0
840710	0935	58557	0.30	0101	131.7	0.001<	300.0	0.001	7.40	0.065	8	20.0
840807	0920	58566	0.30	0101	127.1	0.001<	290.0	0.001	4.80	0.065	8	25.0
840918	0930	58575	0.30	0101	126.5	0.001<	295.0	0.003	7.20	0.070	8	14.0
841016	0930	58584	0.30	0101	136.0	0.001<	317.0	0.001<	9.60	0.055	8	13.0
841106	0945	58593	0.30	0101	135.5	0.001<	315.0	0.001	11.80	0.055	8	7.0
841204	0950	58602	0.30	0101	151.1	0.001<	350.0	0.001<	12.60	0.050	8	1.0
		MAXIMUM	0.30		191.0		428.0	0.011	12.60	0.235		25.0
		ARITH MEAN	0.30		146.8		336.3	0.004	7.72	0.092<A		10.6
		GEOM MEAN			145.4		333.3		6.99	0.077<A		5.8
		MINIMUM	0.30		126.5		290.0	0.001	2.40	0.025		1.0
		STD DEV (GEOM *)			22.2		48.9		3.20	0.065<A		8.9
		# SAMP IN STATISTICS	12		12		12	10	12	12		12
		% SAMP (EXCLUDED)						16				

*=INTERIM TEST-NAME:			NIUT NICKEL	PBUT LEAD	PH	PHNOL PHENOLS	PPUT PHOSPHOR	TURB	ZNUT ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS NI	UNF.TOT. MG/L AS PB	PH	UNF-REAC UG/L PHENOL	UNF.TOT. MG/L AS P	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
840109	0930	58503	0.002<	0.021	8.36	0.2<W	0.022	3.40	0.021
840206	0935	58512	0.002<	0.003<	7.58	0.4<T	0.021	2.00	0.024
840319	0915	58521	0.002	0.003<	7.68	0.2<W	0.020	2.10	0.017
840424	0950	58530	0.002<	0.003<	8.06	-1.0<T	0.018	1.26	0.004
840515	0935	58539	0.002<	0.003<	7.97	0.2<W	0.034	1.67	0.005
840612	0935	58548	0.002<	0.003<	8.04	0.2<W	0.185	6.10	0.037
840710	0935	58557	0.002<	0.003<	7.73	0.2<W	0.042	3.70	0.003
840807	0920	58566	0.002<	0.003<	7.83	0.2<W	0.063	1.51	0.011
840918	0930	58575	0.002<	0.003<	7.76	0.2<W	0.022	3.40	0.009
841016	0930	58584	0.019	0.003<	7.98	0.4<T	0.021	1.76	0.003
841106	0945	58593	0.002<	0.003<	8.23	0.2<W	0.019	1.85	0.004
841204	0950	58602	0.002<	0.003<	8.20	1.0	0.021	2.70	0.009

(C O N T D)

B.O.W./ SITE: MILLHAVEN CREEK
SAMPLE POINT: AT COUNTY ROAD 6
STATION TYPE: RIVER

STATION ID: 06-0180-005-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MILLHAVEN CREEK

STORET CODE: 02
004
0080

LAT: 44 17 07.80 LONG: 076 43 00.22 U T M: 18 0363020.0 4904800.0 4 REGION: 04 DISTANCE: 10.782

*=INTERIM TEST-NAME:			NIUT NICKEL	PBUT LEAD	PH	PHNOL PHENOLS	PPUT PHOSPHOR	TURB	ZNUT ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS NI	UNF.TOT. MG/L AS PB	PH	UNF-REAC UG/L PHENOL	UNF.TOT. MG/L AS P	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
		MAXIMUM	0.019	0.021	8.36	1.0	0.185	6.10	0.037
		ARITH MEAN	0.010	0.021	7.95	0.2<A	0.041	2.62	0.012
		GEOM MEAN			7.95		0.030	2.36	0.009
		MINIMUM	0.002	0.021	7.58	-1.0	0.018	1.26	0.003
		STD DEV (GEOM *)			0.24		0.047	1.36	0.011
		# SAMP IN STATISTICS	2	1	12	12	12	12	12
		% SAMP (EXCLUDED)	83	91					

B.O.W./ SITE: LITTLE CATARAQUI CREEK STATION ID: 12-0002-004 02
SAMPLE POINT: HIGHWAY 2, 1 MILE SOUTHEAST OF CATARAQUI
STATION TYPE: RIVER MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE ONTARIO 004
TERM STREAM: LITTLE CATARAQUI CREEK 0010

LAT: 44 15 07.44 LONG: 076 32 08.30 U T M: 18 0377400.0 4900800.0 4 REGION: 04 DISTANCE: 4.345

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT ALK	ASUT ARSENIC	COND25 CONDUCT.	CUUT COPPER	DO DISOLVED	FEUT IRON	FWSTRC	FWTEMP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	TOTAL MG/L AS CACO3	UNF.TOT. MG/L AS AS	25C UMHO/CM AT 25 C	UNF.TOT. MG/L AS CU	OXYGEN MG/L AS O	UNF.TOT. MG/L AS FE	STREAM COND.	WATER TEMP DEG.C
840109	0825	58501	0.30	0101	248.0	0.001<	829.0	0.004	10.40	0.950	4 8	1.0
840206	0620	58510	0.30	0101	252.9	0.001<	874.0	0.003	9.80	1.125	4 9	1.0
840319	0815	58519	0.30	0101	234.4	0.001<	765.0	0.003	11.40	0.855	4 8	1.0
840424	0850	58533	0.30	0101	166.8	0.001<	473.0	0.004	9.80	0.390	8	9.0
840515	0845	58537	0.30	0101	189.3	0.001<	512.0	0.004	8.60	0.627	8	10.0
840612	0845	58546	0.30	0101	179.9	0.001<	529.0	0.002	4.80	0.565	8	20.0
840710	0840	58555	0.30	0101	161.1	0.001<	509.0	0.002	6.40	0.315	8	14.0
840807	0825	58564	0.30	0101	190.9	0.001<	560.0	0.003	2.30	0.395	9	23.0
840918	0835	58573	0.30	0101	202.7	0.001<	590.0	0.003	6.80	0.915	5	12.0
841016	0835	58582	0.30	0101	201.8	0.001<	580.0	0.004	6.40	3.250	8	10.0
841106	0840	58591	0.30	0101	174.4	0.001<	521.0	0.002	9.00	0.555	8	7.0
841204	0850	58600	0.30	0101	199.1	0.001<	560.0	0.002	11.60	0.525	8	1.0
		MAXIMUM	0.30		252.9		874.0	0.004	11.60	3.250		23.0
		ARITH MEAN	0.30		200.1		608.5	0.003	8.11	0.872		9.1
		GEOM MEAN			198.1		596.3	0.003	7.50	0.699		5.3
		MINIMUM	0.30		161.1		473.0	0.002	2.30	0.315		1.0
		STD DEV (GEOM *)			30.4		135.2	0.001	2.82	0.790		7.5
		# SAMP IN STATISTICS	12		12		12	12	12	12		12
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			NIUT NICKEL	PBUT LEAD	PH	PHNOL PHENOLS	PPUT PHOSPHOR	TURB	ZNUT ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS NI	UNF.TOT. MG/L AS PB	PH	UNF-REAC UG/L PHENOL	UNF.TOT. MG/L AS P	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
840109	0825	58501	0.004	0.003<	8.30	0.6<T	0.056	17.80	0.016
840206	0620	58510	0.010	0.003<	7.70	0.2<T	0.068	8.30	0.012
840319	0815	58519	0.002<	0.003<	8.06	0.4<T	0.035	12.50	0.006
840424	0850	58533	0.002<	0.003<	8.23	-1.2<T	0.036	6.70	0.013
840515	0845	58537	0.002<	0.003<	6.48	0.2<W	0.046	9.45	0.023
840612	0845	58546	0.002<	0.003<	7.78	-0.4<T	0.350	7.45	0.010
840710	0840	58555	0.002<	0.003<	7.61	0.2<T	0.320	2.80	0.006
840807	0825	58564	0.002<	0.003<	7.65	1.4	0.115	4.00	0.009
840918	0835	58573	0.002<	0.003<	7.29	0.2<W	0.064	14.20	0.008
841016	0835	58582	0.003	0.003<	7.74	0.2<W	0.170	4.10	0.017
841106	0840	58591	0.002<	0.003<	7.86	0.4<T	0.055	7.60	0.006
841204	0850	58600	0.002<	0.003<	8.22	1.0	0.039	10.20	0.007

(C O N T D)

B.O.W./ SITE: LITTLE CATARAQUI CREEK
SAMPLE POINT: HIGHWAY 2, 1 MILE SOUTHEAST OF CATARAQUI
STATION TYPE: RIVER

STATION ID: 12-0002-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: LITTLE CATARAQUI CREEK

STORET CODE: 02
004
0010

LAT: 44 15 07.44 LONG: 076 32 08.30 U T M: 18 0377400.0 4900800.0 4 REGION: 04 DISTANCE: 4.345

*-INTERIM TEST-NAME:		NIUT NICKEL	PBUT LEAD	PH	PHNOL PHENOLS	PPUT PHOSPHOR	TURB	ZNUT ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS NI	UNF.TOT. MG/L AS PB	PH	UNF-REAC UG/L PHENOL	UNF.TOT. MG/L AS P	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
	MAXIMUM		0.010		8.30	1.4	0.350	17.80	0.023
	ARITH MEAN		0.006		7.74	0.3<A	0.113	8.76	0.011
	GEOM MEAN				7.73		0.080	7.71	0.010
	MINIMUM		0.003		6.48	-1.2	0.035	2.80	0.006
	STD DEV (GEOM *)				0.50		0.111	4.42	0.005
	# SAMP IN STATISTICS		3		12	12	12	12	12
	% SAMP (EXCLUDED)		75						

B.O.W./ SITE: LITTLE CATARAQUI CREEK
SAMPLE POINT: AT RESERVOIR OUTLET DAM
STATION TYPE: RIVER

STATION ID: 12-0002-008-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: LITTLE CATARAQUI CREEK

STORET CODE: 02
004
0010

LAT: 44 16 38.70 LONG: 076 31 30.08 U T M: 18 0378300.0 4903600.0 4 REGION: 04 DISTANCE: 8.207

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	COND25	CUUT	DO	FEUT	FWSTRC	FWTEMP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	IRON UNF.TOT. MG/L AS FE	STREAM COND.	WATER TEMP DEG.C
840424	0810	58534	0.30	0101	149.4	0.001<	355.0	0.001	12.80	0.250	8	9.0
840515	0805	58536	0.30	0101	169.4	0.001<	388.0	0.002	7.60	0.281	8	12.0
840612	0800	58545	0.30	0101	134.5	0.001<	330.0	0.001	10.00	0.255	8	22.0
840710	0805	58554	0.30	0101	114.0	0.001<	293.0	0.002	7.00	0.470	8	20.0
840807	0755	58563	0.30	0101	121.8	0.001	301.0	0.003	6.40	0.285	8	24.0
840918	0800	58572	0.30	0101	133.6	0.001<	355.0	0.001	10.60	0.170	8	15.0
841016	0800	58581	0.30	0101	133.7	0.001<	370.0	0.071	9.20	0.350	8	12.0
841106	0805	58590	0.30	0101	131.4		360.0		10.40	0.270	8	8.0
841204	0810	58599	0.30	0101	198.9	0.001<	480.0	0.001	12.20	0.230	8	3.0
		MAXIMUM	0.30		198.9	0.001	480.0	0.071	12.80	0.470		24.0
		ARITH MEAN	0.30		143.0	0.001	359.1	0.010	9.58	0.285		13.9
		GEOM MEAN			141.0		355.6	0.002	9.34	0.275		11.9
		MINIMUM	0.30		114.0	0.001	293.0	0.001	6.40	0.170		3.0
		STD DEV (GEOM *)			26.3		55.0	0.025	2.23	0.084		7.0
		# SAMP IN STATISTICS	9		9	1	9	8	9	9		9
		% SAMP (EXCLUDED)				87						

*=INTERIM TEST-NAME:			NIUT	PBUT	PH	PHNOL	PPUT	TURB	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	NICKEL UNF.TOT. MG/L AS NI	LEAD UNF.TOT. MG/L AS PB	PH	PHENOLS UNF-REAC UG/L PHENOL	PHOSPHOR UNF.TOT. MG/L AS P	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840424	0810	58534	0.002<	0.003<	8.31	-1.0<T	0.029	4.10	0.001
840515	0805	58536	0.002<	0.003<	8.32	0.4<T	0.039	6.45	0.005
840612	0800	58545	0.002<	0.003<	8.63	-0.2<T	0.300	4.80	0.004
840710	0805	58554	0.002<	0.003<	7.32	0.2<T	0.465	6.00	0.009
840807	0755	58563	0.002<	0.003<	8.12	1.0	0.107	4.20	0.007
840918	0800	58572	0.002<	0.003<	8.38	0.2<W	0.027	3.90	0.003
841016	0800	58581	0.040<	0.060<	7.82	0.2<W	0.069	11.80	0.210
841106	0805	58590			8.27	0.6<T	0.032	4.40	
841204	0810	58599	0.002<	0.003<	8.16	1.2	0.025	4.70	0.005
		MAXIMUM			8.63	1.2	0.465	11.80	0.210
		ARITH MEAN			8.15	0.3<A	0.121	5.59	0.030
		GEOM MEAN			8.14		0.066	5.25	0.007
		MINIMUM			7.32	-1.0	0.025	3.90	0.001
		STD DEV (GEOM *)			0.38		0.156	2.48	0.073
		# SAMP IN STATISTICS			9	9	9	9	8
		% SAMP (EXCLUDED)							

B.O.W./ SITE: CATARAQUI RIVER
SAMPLE POINT: HIGHWAY 2, KINGSTON (CENTRE)
STATION TYPE: RIVER

STATION ID: 12-0004-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST. LAWRENCE RIVER
TERM STREAM: CATARAQUI RIVER

STORET CODE: 02
005
1770

LAT: 44 09 44.66 LONG: 076 28 23.81 U T M: 18 0382200.0 4890750.0 4 REGION: 04 DISTANCE: 0.805

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	COND25	CUUT	DO	FEUT	FWSTRC	FWTEMP	NNITFR
				ALK	CONDUCT.	COPPER	DISOLVED	IRON			NH3-N
SAMPLE				TOTAL	25C	UNF.TOT.	OXYGEN	UNF.TOT.		WATER	TOTAL FIL.REAC
DATE HOUR	SAMPLE	SAMPLE DEPTH	PROJECT SUB-PROJ	MG/L	UMHO/CM	MG/L	MG/L	MG/L	STREAM	TEMP	MG/L
YYMMDD LMT	NUMBER	M	CODE	AS CACO3	AT 25 C	AS CU	AS O	AS FE	COND.	DEG.C	AS N
840109 1030	58504	0.30	0101	100.2	250.0	0.002	7.00	0.125	4 8	1.0	0.060
840206 1025	58513	0.30	0101	96.8	250.0	0.002	11.80	0.355	4 8	1.0	0.050
840319 1000	58522	0.30	0101	99.8	251.0	0.009	13.00	0.765	4 8	1.0	0.040
840424 1035	58535	0.30	0101	78.8	200.0	0.004	13.00	0.120	8	9.0	0.076
840515 1010	58540	0.30	0101	81.5	218.0	0.011	10.40	0.271	8	11.0	0.074
840612 1020	58549	0.30	0101	79.5	228.0	0.003	9.80	0.095	8	20.0	0.054
840710 1015	58558	0.30	0101	94.7	286.0	0.003	8.00	0.150	8	20.0	0.110
840807 1000	58567	0.30	0101	84.8	260.0	0.003	8.40	0.160	8	25.0	0.306
840918 1010	58576	0.30	0101	84.3	220.0	0.002	10.00	0.370	8	16.0	0.026
841016 1005	58585	0.30	0101	89.2	245.0	0.002	9.20	0.455	9	14.0	0.074
841106 1025	58594	0.30	0101	92.7	285.0	0.003	10.40	0.350	8	9.0	0.038
841204 1030	58603	0.30	0101	98.4	312.0	0.004	12.00	0.880	8	3.0	0.030
MAXIMUM		0.30		100.2	312.0	0.011	13.00	0.880		25.0	0.306
ARITH MEAN		0.30		90.1	250.4	0.004	10.25	0.341		10.8	0.078
GEOM MEAN				89.7	248.5	0.003	10.08	0.267		6.5	0.061
MINIMUM		0.30		78.8	200.0	0.002	7.00	0.095		1.0	0.026
STD DEV (GEOM *)				8.1	32.2	0.003	1.93	0.255		8.3	0.076
# SAMP IN STATISTICS		12		12	12	12	12	12		12	12
% SAMP (EXCLUDED)											

*=INTERIM TEST-NAME:		PBUT	PH	PHNOL	PPUT	RSP	TURB	ZNUT
		LEAD		PHENOLS	PHOSPHOR			ZINC
SAMPLE		UNF.TOT.		UNF-REAC	UNF.TOT.	RESIDUE		UNF.TOT.
DATE HOUR	SAMPLE	MG/L		UG/L	MG/L	PARTIC.	TURB'ITY	MG/L
YYMMDD LMT	NUMBER	AS PB	PH	PHENOL	AS P	MG/L	FTU	AS ZN
840109 1030	58504	0.003<	8.09	0.2<T	0.025	1.350	2.90	0.010
840206 1025	58513	0.018	7.58	0.2<W	0.022		6.00	0.019
840319 1000	58522	0.003	7.89	-0.2<T	0.029	6.370	4.80	0.054
840424 1035	58535	0.003<	8.10	-0.8<T	0.024	3.400	2.85	0.004
840515 1010	58540	0.003<	8.08	0.2<W	0.031	10.680	4.85	0.010
840612 1020	58549	0.003<	8.69	0.4<T	0.024	2.440	6.60	0.005
840710 1015	58558	0.003<	8.36	-0.2<T	0.033	6.460	3.80	0.004
840807 1000	58567	0.003<	7.99	0.8	0.065	8.312	13.20	0.012
840918 1010	58576	0.003<	8.14	0.2<W	0.055	11.460	10.20	0.006
841016 1005	58585	0.003<	7.98	-0.4<T	0.041	12.130	11.20	0.005
841106 1025	58594	0.003<	8.09	0.2<W	0.033	8.869	7.90	0.007
841204 1030	58603	0.003<	8.30	4.0	0.054	28.290	14.20	0.022

(C O N T D)

B.O.N./ SITE: CATARAQUI RIVER
SAMPLE POINT: HIGHWAY 2, KINGSTON (CENTRE)
STATION TYPE: RIVER

STATION ID: 12-0004-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST. LAWRENCE RIVER
TERM STREAM: CATARAQUI RIVER

STORET CODE: 02
005
1770

LAT: 44 09 44.66 LONG: 076 28 23.81 U T M: 18 0382200.0 4890750.0 4 REGION: 04 DISTANCE: 0.805

#=INTERIM TEST-NAME: SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PBUT LEAD UNF.TOT. MG/L AS PB	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	PPUT PHOSPHOR UNF.TOT. MG/L AS P	RSP RESIDUE PARTIC. MG/L	TURB TURB'ITY FTU	ZNUT ZINC UNF.TOT. MG/L AS ZN
MAXIMUM			0.018	8.69	4.0	0.065	28.290	14.20	0.054
ARITH MEAN			0.010	8.11	0.4<A	0.036	9.069	7.37	0.013
GEOM MEAN				8.10		0.034	6.795	6.42	0.009
MINIMUM			0.003	7.58	-0.8	0.022	1.350	2.85	0.004
STD DEV (GEOM #)				0.27		0.014	7.331	3.96	0.014
# SAMP IN STATISTICS			2	12	12	12	11	12	12
% SAMP (EXCLUDED)			83						

B.O.W./ SITE: CATARAQUI RIVER
SAMPLE POINT: AT DAM, KINGSTON MILLS
STATION TYPE: RIVER

STATION ID: 12-0004-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST. LAWRENCE RIVER
TERM STREAM: CATARAQUI RIVER

STORET CODE: 02
005
1770

LAT: 44 17 37.72 LONG: 076 26 28.15 U T M: 18 0385025.0 4905300.0 4 REGION: 04 DISTANCE: 8.207

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	BOD5	CLIDUR	COND25	CUUT	DO	DOC	FWSTRC
					BOD					CARBON	
SAMPLE				ALK	5 DAY	CHLORIDE	CONDUCT.	COPPER	DISOLVED	DISOLVED	
DATE	HOUR	SAMPLE	SAMPLE	PROJECT	TOTAL	TOT.DEM.	UNF.REAC	25C	UNF.TOT.	OXYGEN	ORGANIC	STREAM
YYMMDD	LMT	NUMBER	DEPTH M	SUB-PROJ CODE	MG/L AS CACO3	MG/L AS O	MG/L AS CL-	UMHO/CM AT 25 C	MG/L AS CU	MG/L AS O	MG/L AS C	COND.
840109	1420	58508	0.30	0101	96.5	0.82	5.97	234.0	0.006	12.40		8
840206	1350	58517	0.30	0101	94.3	1.11	5.80	232.0	0.004	11.40		8
840319	1330	58526	0.30	0101	90.2	1.13	8.66	223.0	0.004	11.80		8
840424	1345	58532	0.30	0101	78.1	0.92	6.02	198.0	0.008			8
840515	1325	58544	0.30	0101	81.4	1.47	5.73	206.0	0.005	10.00		8
840612	1330	58553	0.30	0101	86.1	0.92	5.57	215.0	0.002	7.60		8
840710	1350	58562	0.30	0101	87.5		5.56	211.0	0.001	9.00	5.2	8
840807	1350	58571	0.30	0101	75.5	7.74	5.42	184.0	0.002	9.60		8
840918	1330	58580	0.30	0101	79.7	2.09	4.98	192.0	0.002	9.80		8
841016	1330	58589	0.30	0101	82.2	1.47	4.80	205.0	0.001	9.80		8
841106	1405	58598	0.30	0101	86.0	1.72	5.01	207.0	0.002	10.80		8
841204	1400	58607	0.30	0101	88.0	1.64	5.57	215.0	0.001	12.00		8
	MAXIMUM		0.30		96.5	7.74	8.66	234.0	0.008	12.40	5.2	
	ARITH MEAN		0.30		85.5	1.91	5.76	210.2	0.003	10.38	5.2	
	GEOM MEAN				85.2	1.50	5.69	209.7	0.003	10.29		
	MINIMUM		0.30		75.5	0.82	4.80	184.0	0.001	7.60	5.2	
	STD DEV (GEOM *)				6.4	1.97	0.99	15.0	0.002	1.45		
	# SAMP IN STATISTICS		12		12	11	12	12	12	11	1	
	% SAMP (EXCLUDED)											

*=INTERIM TEST-NAME:		FWTEMP	NNHTFR	PBUT	PH	PPUT	TURB	ZNUT
			NH3-N					
			TOTAL	LEAD		PHOSPHOR		ZINC
SAMPLE			FIL.REAC	UNF.TOT.		UNF.TOT.		UNF.TOT.
DATE	HOUR	SAMPLE	WATER TEMP	MG/L		MG/L	TURB'ITY	MG/L
YYMMDD	LMT	NUMBER	DEG.C	AS N	AS PB	PH	AS P	FTU	AS ZN
840109	1420	58508	1.0	0.070	0.003<	8.10	0.015	2.50	0.023
840206	1350	58517	1.0	0.042	0.003<	7.55	0.015	0.64	0.009
840319	1330	58526	1.0	0.050	0.003<	7.92	0.027	1.30	0.021
840424	1345	58532	9.0	0.090	0.003<	8.06	0.049	2.85	0.008
840515	1325	58544	12.0	0.054	0.003<	7.92	0.047	7.70	0.009
840612	1330	58553	22.0	0.026	0.003<	8.36	0.030	5.50	0.004
840710	1350	58562	26.0	0.174	0.003<	8.40	0.030	4.80	0.003
840807	1350	58571	28.0	0.056	0.003<	8.75	0.075	23.00	0.007
840918	1330	58580	17.0	0.030	0.003<	8.20	0.064	16.00	0.008
841016	1330	58589	14.0	0.098	0.003<	8.04	0.038	7.10	0.005
841106	1405	58598	8.0	0.052	0.003<	8.09	0.038	7.20	0.005
841204	1400	58607	3.0	0.036	0.003<	8.23	0.021	2.70	0.003

(C O N T D)

B.O.W./ SITE: CATARAQUI RIVER
SAMPLE POINT: AT DAM, KINGSTON MILLS
STATION TYPE: RIVER

STATION ID: 12-0004-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST. LAWRENCE RIVER
TERM STREAM: CATARAQUI RIVER

STORET CODE: 02
005
1770

LAT: 44 17 37.72 LONG: 076 26 28.15 U T M: 18 0385025.0 4905300.0 4 REGION: 04 DISTANCE: 8.207

*=INTERIM TEST-NAME:			FWTEMP	NNHTFR NH3-N TOTAL FIL.REAC	PBUT LEAD UNF.TOT.	PH	PPUT PHOSPHOR UNF.TOT.	TURB	ZNUT ZINC UNF.TOT.
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	WATER TEMP DEG.C	MG/L AS N	MG/L AS PB	PH	MG/L AS P	TURB'ITY FTU	MG/L AS ZN
		MAXIMUM	28.0	0.174		8.75	0.075	23.00	0.023
		ARITH MEAN	11.8	0.065		8.13	0.037	6.77	0.009
		GEOM MEAN	6.8	0.056		8.13	0.033	4.46	0.007
		MINIMUM	1.0	0.026		7.55	0.015	0.64	0.003
		STD DEV (GEOM *)	9.8	0.041		0.30	0.019	6.56	0.007
		# SAMP IN STATISTICS	12	12		12	12	12	12
		% SAMP (EXCLUDED)							

B.O.W./ SITE: GANANOQUE RIVER
SAMPLE POINT: AT RR TRESTLE CANADIAN STEEL GANANOQUE
STATION TYPE: RIVER

STATION ID: 12-0017-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST. LAWRENCE RIVER
TERM STREAM: GANANOQUE RIVER

STORET CODE: 02
005
1280

LAT: 44 19 44.00 LONG: 076 10 05.82 U T M: 18 0406850.0 4908850.0 4 REGION: 04 DISTANCE: 0.966

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	BOD5	CLIDUR	COND25	CUUT	DO	DOC	FCMF
						BOD					CARBON	FECAL
SAMPLE			SAMPLE	PROJECT	ALK	5 DAY	CHLORIDE	CONDUCT.	COPPER	DISOLVED	DISOLVED	COLIFORM
DATE	HOUR	SAMPLE	DEPTH	SUB-PROJ	TOTAL	TOT.DEM.	UNF.REAC	25C	UNF.TOT.	OXYGEN	ORGANIC	MF
YYMMDD	LMT	NUMBER	M	CODE	MG/L	MG/L	MG/L	UMHO/CM	MG/L	MG/L	MG/L	CNT
					AS CACO3	AS O	AS CL-	AT 25 C	AS CU	AS O	AS C	/100ML
840109	1110	58505	0.30	0101	110.9	0.89	6.68	262.0	0.002	11.60		
840319	1035	58523	0.30	0101	113.7	0.75	10.45	266.0	0.005	12.60		130
840424	1115	58529	0.30	0101	102.0	1.18	6.20	240.0	0.004	12.00		
840515	1045	58541	0.30	0101	109.7	1.34	7.69	267.0	0.002	9.40		
840612	1100	58550	0.30	0101	112.7	1.33	7.61	271.0	0.002	8.00		
840710	1100	58559	0.30	0101	111.0		8.64	261.0	0.001	10.00	7.9	
840807	1030	58568	0.30	0101	110.2	0.68	6.80	247.0	0.002	7.60		
840918	1040	58577	0.30	0101	100.0	0.51	6.03	240.0	0.002	8.20		
841016	1040	58586	0.30	0101	101.6	0.56	6.41	245.0	0.001	9.00		
841106	1100	58595	0.30	0101	115.2	1.37	14.53	300.0		9.40		
841204	1110	58604	0.30	0101	123.4	1.48	21.65	342.0	0.007	10.60		
		MAXIMUM	0.30		123.4	1.48	21.65	342.0	0.007	12.60	7.9	130
		ARITH MEAN	0.30		110.0	1.01	9.34	267.4	0.003	9.85	7.9	130
		GEOM MEAN			109.8	0.94	8.56	265.9	0.002	9.73		
		MINIMUM	0.30		100.0	0.51	6.03	240.0	0.001	7.60	7.9	130
		STD DEV (GEOM *)			6.8	0.37	4.78	30.2	0.002	1.68		
		# SAMP IN STATISTICS	11		11	10	11	11	10	11	1	1
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			FSMF	FWSTRC	FWTEMP	NNHTFR	PBUT	PH	PPUT	TCMF	TCMFBK	TURB
			FECAL			NH3-N				COLIFORM	COLIFORM	
			STREPCUS			TOTAL	LEAD		PHOSPHOR	TOTAL	TOTAL MF	
SAMPLE			MF		WATER	FIL.REAC	UNF.TOT.		UNF.TOT.	MF	BCKGRD	
DATE	HOUR	SAMPLE	CNT	STREAM	TEMP	MG/L	MG/L		MG/L	CNT	CNT	TURB'ITY
YYMMDD	LMT	NUMBER	/100ML	COND.	DEG.C	AS N	AS PB	PH	AS P	/100ML	/100ML	FTU
840109	1110	58505		4 8	1.0	0.064	0.003<	7.90	0.034			1.50
840319	1035	58523	10<=>	8	1.0	0.030	0.003<	7.89	0.038	220	1000	1.35
840424	1115	58529		8	9.0	0.076	0.003<	8.14	0.032			2.10
840515	1045	58541		8	12.0	0.068	0.003<	7.83	0.053			4.40
840612	1100	58550		8	23.0	0.120	0.003<	8.05	0.102			4.06
840710	1100	58559		8	19.0	0.260	0.003<	8.09	0.109			2.60
840807	1030	58568		8	26.0	0.028	0.003<	8.00	0.060			1.83
840918	1040	58577		8	16.0	0.038	0.003<	7.71	0.040			1.68
841016	1040	58586		8	14.0	0.018	0.003<	7.93	0.045			1.41
841106	1100	58595		8	10.0	0.076		8.01	0.230			2.40
841204	1110	58604		8	4.0	0.308	0.003<	8.15	0.365			2.30

(C O N T D)

B.O.W./ SITE: GANANOQUE RIVER
SAMPLE POINT: AT RR TRESTLE CANADIAN STEEL GANANOQUE
STATION TYPE: RIVER

STATION ID: 12-0017-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST. LAWRENCE RIVER
TERM STREAM: GANANOQUE RIVER

STORET CODE: 02
005
1280

LAT: 44 19 44.00 LONG: 076 10 05.82 U T M: 18 0406850.0 4908850.0 4 REGION: 04 DISTANCE: 0.966

*=INTERIM TEST-NAME:		FSHF FECAL STREPCUS MF	FWSTRC	FWTEMP	NNHTFR NH3-N TOTAL	PBUT	PH	PPUT	TCMF COLIFORM TOTAL	TCMFBK COLIFORM TOTAL MF	TURB
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	FIL.REAC MG/L AS N	LEAD UNF.TOT. MG/L AS PB	PH	PHOSPHOR UNF.TOT. MG/L AS P	MF CNT /100ML	BCKGRD CNT /100ML	TURB'ITY FTU
	MAXIMUM	10		26.0	0.308		8.15	0.365	220	1000	4.40
	ARITH MEAN	10		12.3	0.099		7.97	0.101	220	1000	2.33
	GEOM MEAN			8.2	0.068		7.97	0.071			2.16
	MINIMUM	10		1.0	0.018		7.71	0.032	220	1000	1.35
	STD DEV (GEOM *)			8.4	0.097		0.14	0.105			1.03
	# SAMP IN STATISTICS	1		11	11		11	11	1	1	11
	% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:		ZNUT ZINC UNF.TOT.
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	MG/L AS ZN
840109	1110	58505	0.009
840319	1035	58523	0.021
840424	1115	58529	0.008
840515	1045	58541	0.006
840612	1100	58550	0.006
840710	1100	58559	0.009
840807	1030	58568	0.006
840918	1040	58577	0.013
841016	1040	58586	0.003
841204	1110	58604	0.011
	MAXIMUM		0.021
	ARITH MEAN		0.009
	GEOM MEAN		0.008
	MINIMUM		0.003
	STD DEV (GEOM *)		0.005
	# SAMP IN STATISTICS		10
	% SAMP (EXCLUDED)		

B.O.W./ SITE: GANANOQUE RIVER STATION ID: 12-0017-004-02
SAMPLE POINT: HIGHWAY 32, 2 MILES NORTH OF HIGHWAY 401
STATION TYPE: RIVER MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: ST. LAWRENCE RIVER 005
TERM STREAM: GANANOQUE RIVER 1280

LAT: 44 21 38.24 LONG: 076 11 24.89 U T M: 18 0405150.0 4912400.0 4 REGION: 04 DISTANCE: 6.115

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	COND25	CUUT	DO	FEUT	FWSTRC	FWTEMP
					ALK	ARSENIC	CONDUCT.	COPPER	DISOLVED	IRON		
SAMPLE			SAMPLE	PROJECT	TOTAL	UNF.TOT.	25C	UNF.TOT.	OXYGEN	UNF.TOT.		WATER
DATE	HOUR	SAMPLE	DEPTH	SUB-PROJ	MG/L	MG/L	UMHO/CM	MG/L	MG/L	MG/L	STREAM	TEMP
YYMMDD	LMT	NUMBER	M	CODE	AS CACO3	AS AS	AT 25 C	AS CU	AS O	AS FE	COND.	DEG.C
840109	1330	58507	0.30	0101	111.8	0.001<	261.0	0.002	11.80	0.150	4 8	1.0
840206	1310	58516	0.30	0101	111.8	0.001<	259.0	0.003	12.80	0.105	4 8	1.0
840319	1245	58525	0.30	0101	112.1	0.001<	262.0	0.003	13.40	0.125	8	1.0
840424	1315	58528	0.30	0101	100.9	0.001<	236.0	0.022		0.085	8	8.0
840515	1245	58543	0.30	0101	107.8	0.001<	255.0	0.003	10.80	0.085	8	12.0
840612	1255	58552	0.30	0101	107.5	0.001<	252.0	0.003	8.00	0.105	8	23.0
840710	1310	58561	0.30	0101	103.4	0.001<	235.0	0.016	11.20	0.080	8	20.0
840807	1305	58570	0.30	0101	106.7	0.001<	238.0	0.002	7.60	0.115	8	28.0
840918	1255	58579	0.30	0101	98.7	0.001<	232.0	0.001	9.00	0.075	8	17.0
841016	1250	58588	0.30	0101	102.2	0.001<	240.0	0.001	9.20	0.085	8	14.0
841106	1320	58597	0.30	0101	105.6	0.001<	245.0	0.002	10.20	0.110	8	8.0
841204	1320	58606	0.30	0101	112.7	0.001<	270.0	0.001<	11.80	0.085	8	2.0
		MAXIMUM	0.30		112.7		270.0	0.022	13.40	0.150		28.0
		ARITH MEAN	0.30		106.8		248.7	0.005	10.53	0.100		11.2
		GEOM MEAN			106.7		248.5		10.36	0.098		6.4
		MINIMUM	0.30		98.7		232.0	0.001	7.60	0.075		1.0
		STD DEV (GEOM *)			4.8		12.7		1.91	0.022		9.3
		# SAMP IN STATISTICS	12		12		12	11	11	12		12
		% SAMP (EXCLUDED)						8				

*=INTERIM TEST-NAME:			NIUT	PBUT	PH	PHNOL	PPUT	TURB	ZNUT
			NICKEL	LEAD		PHENOLS	PHOSPHOR		ZINC
SAMPLE			UNF.TOT.	UNF.TOT.		UNF-REAC	UNF.TOT.		UNF.TOT.
DATE	HOUR	SAMPLE	MG/L	MG/L		UG/L	MG/L	TURB'ITY	MG/L
YYMMDD	LMT	NUMBER	AS NI	AS PB	PH	PHENOL	AS P	FTU	AS ZN
840109	1330	58507	0.002<	0.003<	8.13	0.2<W	0.016	2.30	0.010
840206	1310	58516	0.002<	0.003<	7.65	0.2<T	0.018	2.30	0.006
840319	1245	58525	0.002<	0.003<	8.00	0.4<T	0.017	1.72	0.027
840424	1315	58528	0.002<	0.003<	7.82	-0.6<T	0.023	1.85	0.006
840515	1245	58543	0.002<	0.009	7.89	0.2<T	0.024	2.75	0.006
840612	1255	58552	0.002<	0.003<	8.04	0.2<W	0.044	7.10	0.005
840710	1310	58561	0.002<	0.003<	8.33	0.2<W	0.053	5.30	0.003
840807	1305	58570	0.002<	0.003<	8.00	0.2<W	0.033	1.17	0.011
840918	1255	58579	0.002<	0.003<	7.89	0.2<W	0.022	1.32	0.002
841016	1250	58588	0.002<	0.003<	7.91	0.2<T	0.017	1.30	0.110
841106	1320	58597	0.002<	0.003<	7.96	0.2<T	0.025	1.64	0.004
841204	1320	58606	0.002<	0.003<	8.08	0.8	0.025	2.70	0.003

(C O N T D)

B.O.W./ SITE: GANANOQUE RIVER
SAMPLE POINT: HIGHWAY 32, 2 MILES NORTH OF HIGHWAY 401
STATION TYPE: RIVER

STATION ID: 12-0017-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST. LAWRENCE RIVER
TERM STREAM: GANANOQUE RIVER

STORET CODE: 02
005
1280

LAT: 44 21 38.24 LONG: 076 11 24.89 U T M: 18 0405150.0 4912400.0 4 REGION: 04 DISTANCE: 6.115

*=INTERIM TEST-NAME: SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	NIUT NICKEL UNF.TOT. MG/L AS NI	PBUT LEAD UNF.TOT. MG/L AS PB	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	PPUT PHOSPHOR UNF.TOT. MG/L AS P	TURB TURB'ITY FTU	ZNUT ZINC UNF.TOT. MG/L AS ZN
MAXIMUM				0.009	8.33	0.8	0.053	7.10	0.110
ARITH MEAN				0.009	7.97	0.2<A	0.026	2.62	0.016
GEOM MEAN					7.97		0.025	2.23	0.007
MINIMUM				0.009	7.65	-0.6	0.016	1.17	0.002
STD DEV (GEOM *)					0.17		0.012	1.79	0.030
# SAMP IN STATISTICS				1	12	12	12	12	12
% SAMP (EXCLUDED)				91					

B.O.W./ SITE: BUTLERS CREEK
SAMPLE POINT: HIGHWAY 2, BROCKVILLE
STATION TYPE: RIVER

STATION ID: 12-0034-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST. LAWRENCE RIVER
TERM STREAM: BUTLERS CREEK

STORET CODE: 02
005
0840

LAT: 44 35 09.67 LONG: 075 41 29.70 U T M: 18 0445100.0 4936980.0 4 REGION: 04 DISTANCE: 0.483

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	COND25	CUUT	DO	FEUT	FWSTRC	FWTEMP	PBUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	IRON UNF.TOT. MG/L AS FE	STREAM COND.	WATER TEMP DEG.C	LEAD UNF.TOT. MG/L AS PB
840109	1225	58506	0.30	0101	185.8	661.0	0.021	13.20	0.265	8	1.0	0.003<
840206	1210	58515	0.30	0101	176.4	864.0	0.024	15.00	1.275	8	1.0	0.006
840319	1150	58524	0.30	0101	174.5	1000.0	0.013	14.00		8	1.0	0.010
840424	1230	58527	0.30	0101	135.3	457.0	0.006		0.310	8	10.0	0.004
840515	1150	58542	0.30	0101	190.2	643.0	0.016	12.00	0.234	8	10.0	0.003
840612	1200	58551	0.30	0101	145.4	514.0	0.025	6.80	0.560	8	19.0	0.007
840710	1200	58560	0.30	0101	130.8	510.0	0.019	6.00	0.300	8	22.0	0.004
840807	1140	58569	0.30	0101	124.9	491.0	0.030	5.20	0.290	8	25.0	0.003
840918	1145	58578	0.30	0101	129.2	400.0	0.007	9.40	0.245	8	15.0	0.003<
841016	1145	58587	0.30	0101	122.6	430.0	0.010	5.20	0.225	8	15.0	0.003<
841106	1220	58596	0.30	0101	115.4	425.0	0.011	7.40	0.090	0	13.0	0.003<
841204	1210	58605	0.30	0101	141.3	780.0	0.015	11.20	0.155	8	4.0	0.004
	MAXIMUM		0.30		190.2	1000.0	0.030	15.00	1.275		25.0	0.010
	ARITH MEAN		0.30		147.6	597.9	0.016	9.58	0.359		11.3	0.005
	GEOM MEAN				145.5	572.2	0.015	8.92	0.283		6.9	
	MINIMUM		0.30		115.4	400.0	0.006	5.20	0.090		1.0	0.003
	STD DEV (GEOM *)				26.7	194.2	0.008	3.66	0.325		8.3	
# SAMP IN STATISTICS			12		12	12	12	11	11		12	8
% SAMP (EXCLUDED)												33

*=INTERIM TEST-NAME:		PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	RSP RESIDUE PARTIC. MG/L	ZNUT ZINC UNF.TOT. MG/L AS ZN
SAMPLE DATE YYMMDD	HOUR LMT SAMPLE NUMBER	PH			
840109	1225 58506	8.28	0.2<T	7.260	0.030
840206	1210 58515	7.75	0.2<W	3.200	0.044
840319	1150 58524	8.02	0.2<W	7.830	0.028
840424	1230 58527	8.12	-0.8<T	8.820	0.012
840515	1150 58542	8.22	0.8	6.248	0.016
840612	1200 58551	7.98	0.8	13.610	0.039
840710	1200 58560	7.66	0.4<T	4.508	0.058
840807	1140 58569	7.66	0.8	5.972	0.086
840918	1145 58578	7.87	0.2<W	1.448	0.007
841016	1145 58587	7.50	0.8	1.440	0.028
841106	1220 58596	7.68	1.2	2.112	0.091
841204	1210 58605	8.03	2.0	4.584	0.030

(C O N T D)

B.O.W./ SITE: BUTLERS CREEK
SAMPLE POINT: HIGHWAY 2, BROCKVILLE
STATION TYPE: RIVER

STATION ID: 12-0034-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST. LAWRENCE RIVER
TERM STREAM: BUTLERS CREEK

STORET CODE: 02
005
0840

LAT: 44 35 09.67 LONG: 075 41 29.70 U T M: 18 0445100.0 4936980.0 4 REGION: 04 DISTANCE: 0.483

*=INTERIM TEST-NAME:		PH	PHNOL PHENOLS UNF-REAC	RSP	ZNUT ZINC UNF.TOT.
SAMPLE DATE YYMMDD	HOUR LMT SAMPLE NUMBER	PH	UG/L PHENOL	RESIDUE PARTIC. MG/L	MG/L AS ZN
	MAXIMUM	8.28	2.0	13.610	0.091
	ARITH MEAN	7.90	0.6<A	5.586	0.039
	GEOM MEAN	7.89		4.527	0.031
	MINIMUM	7.50	-0.8	1.440	0.007
	STD DEV (GEOM *)	0.25		3.536	0.027
	# SAMP IN STATISTICS	12	12	12	12
	% SAMP (EXCLUDED)				

B.O.W./ SITE: RAISIN RIVER
SAMPLE POINT: 1ST.BEND DOWNSTREAM FROM WILLIAMSTOWN
STATION TYPE: RIVER FLOW GAUGE FED 02HC001

STATION ID: 12-0073-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST LAWRENCE RIVER
TERM STREAM: RAISIN RIVER

STORET CODE: 02
005
0250

LAT: 45 08 36.23 LONG: 074 34 35.21 U T M: 18 0533300.0 4998750.0 4 REGION: 04 DISTANCE: 9.495

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	COND25	CUUT	DO	FEUT	FWFLOW	FWSTRC
					ALK	ARSENIC	CONDUCT.	COPPER	DISOLVED	IRON	STREAM	
SAMPLE			SAMPLE	PROJECT	TOTAL	UNF.TOT.	25C	UNF.TOT.	OXYGEN	UNF.TOT.	FLOW	
DATE	HOUR	SAMPLE	DEPTH	SUB-PROJ	MG/L	MG/L	UMHO/CM	MG/L	MG/L	MG/L	M3	STREAM
YYMMDD	LMT	NUMBER	M	CODE	AS CACO3	AS AS	AT 25 C	AS CU	AS O	AS FE	/S	COND.
840109	1135	59394	0.30	0101	182.4	0.001<	545.0	0.003	14.00	0.425	1.990	4
840206	1245	59313	0.30	0101	201.6	0.001<	553.0	0.003	13.00	0.440	1.640	4
840306	1230	59322	0.30	0101	168.5	0.001<	444.0	0.003	14.00	0.465	3.400	
840417	1155	59331	0.30	0101	123.3	0.001<	315.0	0.005	13.00	2.150	39.800	3
840611	1115	59340	0.30	0101	192.0	0.001<	419.0	0.003	10.00	0.53[illegible]	1.210	8
840814	1043	59358	0.30	0101	195.7	0.001<	455.0	0.003	8.00	1.0[illegible]	0.043	8
840904	1158	59367	0.30	0101	182.5	0.001<	440.0	0.026	10.00	1.540	0.162	8
841001	1215	59376	0.30	0101	200.0	0.001<	465.0	0.005	11.00	0.960	0.028	8
841126	1330	59385	0.30	0101	220.7	0.001<	550.0	0.003	15.00	0.240	0.406	8
		MAXIMUM	0.30		220.7		553.0	0.026	15.00	2.150	39.800	
		ARITH MEAN	0.30		185.2		465.1	0.006	12.00	0.864	5.409	
		GEOM MEAN			183.1		459.0	0.004	11.78	0.692	0.704	
		MINIMUM	0.30		123.3		315.0	0.003	8.00	0.240	0.028	
		STD DEV (GEOM *)			27.5		76.8	0.008	2.35	0.630	12.945	
		# SAMP IN STATISTICS	9		9		9	9	9	9	9	
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			FWTEMP	NIUT	PBUT	PH	PHNOL	PPUT	TURB	ZNUT
				NICKEL	LEAD		PHENOLS	PHOSPHOR		ZINC
SAMPLE			WATER	UNF.TOT.	UNF.TOT.		UNF-REAC	UNF.TOT.		UNF.TOT.
DATE	HOUR	SAMPLE	TEMP	MG/L	MG/L		UG/L	MG/L	TURB'ITY	MG/L
YYMMDD	LMT	NUMBER	DEG.C	AS NI	AS PB	PH	PHENOL	AS P	FTU	AS ZN
840109	1135	59394	1.0	0.002<	0.003<	8.04	0.2<T	0.034	5.10	0.005
840206	1245	59313	1.0	0.002<	0.014	7.61	0.2<W	0.037	11.00	0.012
840306	1230	59322	1.0	0.002<	0.003<	7.50	0.6<T	0.009	4.20	0.006
840417	1155	59331	9.0	0.003	0.003<	7.62	-0.2<T	0.095	36.00	0.011
840611	1115	59340	26.0	0.003	0.003<	8.37	-0.6<T	0.067	9.85	0.003
840814	1043	59358	28.0	0.006	0.003<	8.16	-0.2<T	0.098	18.00	0.003
840904	1158	59367	20.0	0.005	0.006	7.95	-0.2<T	0.107	34.00	0.019
841001	1215	59376	14.0	0.014	0.003<	8.23	0.6<T	0.115	34.00	0.013
841126	1330	59385	4.0	0.002<	0.003<	8.24	1.0	0.025	5.10	0.003
		MAXIMUM	28.0	0.014	0.014	8.37	1.0	0.115	36.00	0.019
		ARITH MEAN	11.6	0.006	0.010	7.97	0.2<A	0.065	17.47	0.008
		GEOM MEAN	5.8			7.96		0.051	12.74	0.007
		MINIMUM	1.0	0.003	0.006	7.50	-0.6	0.009	4.20	0.003
		STD DEV (GEOM *)	10.9			0.32		0.040	13.57	0.006
		# SAMP IN STATISTICS	9	5	2	9	9	9	9	9
		% SAMP (EXCLUDED)		44	77					

B.O.W./ SITE: RAISIN RIVER
SAMPLE POINT: 1ST.BRIDGE DOWNSTREAM FROM ST.ANDREWS
STATION TYPE: RIVER

STATION ID: 12-0073-008-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST LAWRENCE RIVER
TERM STREAM: RAISIN RIVER

STORET CODE: 02
005
0250

LAT: 45 06 35.10 LONG: 074 46 23.14 U T M: 18 0517850.0 4994950.0 4 REGION: 04 DISTANCE: 32.669

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	CDUT	COND25	CRUT	CUUT	DO	FCMF
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	CADMIUM UNF.TOT. MG/L AS CD	CONDUCT. 25C UMHO/CM AT 25 C	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	FECAL COLIFORM MF CNT /100ML
840109	1000	59391	0.30	0101	153.1	0.001<	0.0002	443.0	0.001	0.007	13.00	
840206	1015	59310	0.30	0101	99.4	0.001<	0.0003	336.0	0.008	0.002	11.00	20<=>
840306	1050	59319	0.30	0101	142.5	0.001<	0.0002<	394.0	0.023U	0.006	10.00	30<=>
840417	1000	59328	0.30	0101	107.1	0.001<	0.0003<	280.0	0.001	0.005	14.00	140<=>
840611	1005	59337	0.30	0101	183.7	0.001<		414.0		0.005	9.00	
840814	0938	59355	0.30	0101	187.8	0.001<		465.0			7.00	
840904	1039	59364	0.30	0101	171.7	0.001<	0.0003	435.0	0.002	0.003	13.00	
841001	1055	59373	0.30	0101	191.9	0.001<	0.0002<	490.0	0.003	0.004	14.00	
841111	1005	59391	0.30	0101	169.0	0.001<	0.0002	507.0	0.004	0.007	9.00	
841126	1150	59382	0.30	0101	198.6	0.001<	0.0002<	526.0	0.004	0.007	4.60	
		MAXIMUM	0.30		198.6		0.0003	526.0	0.023	0.007	14.00	140
		ARITH MEAN	0.30		160.5		0.0002	429.0	0.006	0.005	10.46	63
		GEOM MEAN			156.6			422.1	0.003	0.005	9.95	44
		MINIMUM	0.30		99.4		0.0002	280.0	0.001	0.002	4.60	20
		STD DEV (GEOM *)			34.8			76.8	0.007	0.002	3.15	3*
		# SAMP IN STATISTICS	10		10		4	10	8	9	10	3
		% SAMP (EXCLUDED)					50					

*=INTERIM TEST-NAME:			FEUT	FSMF	FWSTRC	FWTEMP	NIUT	NNHTFR	PBUT	PH	PHNOL	PPUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	IRON UNF.TOT. MG/L AS FE	FECAL STREPCUS MF CNT /100ML	STREAM COND.	WATER TEMP DEG.C	NICKEL UNF.TOT. MG/L AS NI	NH3-N TOTAL FIL.REAC MG/L AS N	LEAD UNF.TOT. MG/L AS PB	PH	PHENOLS UNF-REAC UG/L PHENOL	PHOSPHOR UNF.TOT. MG/L AS P
840109	1000	59391	0.530		4	1.0		0.052	0.004	7.77	0.4<T	0.032
840206	1015	59310	0.455	20<=>	4	1.0		0.786	0.025	7.31	4.8	0.043
840306	1050	59319	0.275			1.0		0.042	0.003<	7.71	0.6	0.002<W
840417	1000	59328	1.275		3	7.0		0.026	0.003<	8.00	-0.2<T	0.065
840611	1005	59337	0.570		8	24.5	0.002<		0.003<	8.15	-0.4<T	0.049
840814	0938	59355	0.501		8	26.0		0.040		8.10	-0.4<T	0.001<W
840904	1039	59364	0.695		8	18.0		0.046	0.003	8.17	-0.2<T	0.030
841001	1055	59373	0.125		8	10.0		0.004<T	0.003<	8.16	4.2	0.023
841111	1005	59391	1.550		4	7.0		0.038	0.003<	7.88	0.6<T	0.043
841126	1150	59382	1.225		8	4.0		0.026	0.003<	8.10	1.4	0.038

(C O N T D)

B.O.W./ SITE: RAISIN RIVER
SAMPLE POINT: 1ST.BRIDGE DOWNSTREAM FROM ST.ANDREWS
STATION TYPE: RIVER

STATION ID: 12-0073-008 02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST LAWRENCE RIVER
TERM STREAM: RAISIN RIVER

STORET CODE: 02
005
0250

LAT: 45 06 35.10 LONG: 074 46 23.14 U T M: 18 0517850.0 4994950.0 4 REGION: 04 DISTANCE: 32.669

*=INTERIM TEST-NAME:		FEUT	FSMF	FWSTRC	FWTEMP	NIUT	NNHTFR	PBUT	PH	PHNOL	PPUT
SAMPLE DATE YYMMDD	HOUR LMT / SAMPLE NUMBER	IRON UNF.TOT. MG/L AS FE	FECAL STREPCUS MF CNT /100ML	STREAM COND.	WATER TEMP DEG.C	NICKEL UNF.TOT. MG/L AS NI	NH3-N TOTAL FIL.REAC MG/L AS N	LEAD UNF.TOT. MG/L AS PB	PH	PHENOLS UNF-REAC UG/L PHENOL	PHOSPHOR UNF.TOT. MG/L AS P
MAXIMUM		1.550	20		26.0		0.786	0.025	8.17	4.8	0.065
ARITH MEAN		0.720	20		9.9		0.118<A	0.011	7.93	1.1<A	0.033<A
GEOM MEAN		0.575			5.4		0.041<A		7.93		0.020<A
MINIMUM		0.125	20		1.0		0.004	0.003	7.31	-0.4	0.001
STD DEV (GEOM *)		0.469			9.6		0.251<A		0.28		0.020<A
# SAMP IN STATISTICS		10	1		10		9	3	10	10	10
% SAMP (EXCLUDED)								66			

*=INTERIM TEST-NAME:		RSP	TCHF	TCHFBK	TURB	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT / SAMPLE NUMBER	RESIDUE PARTIC. MG/L	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840109 1000	59391	8.860			9.90	0.007
840206 1015	59310	5.650	160<=>	840	8.30	0.037
840306 1050	59319	2.220	320	1060	4.30	0.006
840417 1000	59328	25.700	2700	11500	24.00	0.016
840611 1005	59337				16.30	0.006
840814 0938	59355	13.780			0.56	
840904 1039	59364	18.790			13.50	0.007
841001 1055	59373	5.204			5.80	0.004
841111 1005	59391	12.110			34.00	0.008
841126 1150	59382	10.551			24.00	0.007
MAXIMUM		25.700	2700	11500	34.00	0.037
ARITH MEAN		11.429	1060	4467	14.07	0.011
GEOM MEAN		9.242	517	2172	9.32	0.009
MINIMUM		2.220	160	840	0.56	0.004
STD DEV (GEOM *)		7.316	4*	4*	10.52	0.010
# SAMP IN STATISTICS		9	3	3	10	9
% SAMP (EXCLUDED)						

B.O.W./ SITE: RAISIN RIVER
SAMPLE POINT: AT COUNTY ROAD NO 18 EAST OF LUNENBURG
STATION TYPE: RIVER

STATION ID: 12-0073-010-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST LAWRENCE RIVER
TERM STREAM: RAISIN RIVER

STORET CODE: 02
005
0250

LAT: 45 03 34.37 LONG: 074 56 26.25 U T M: 18 0504675.0 4989350.0 4 REGION: 04 DISTANCE: 56.004

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	COND25	CUUT	DO	FEUT	FWSTRC	FWTEMP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	IRON UNF.TOT. MG/L AS FE	STREAM COND.	WATER TEMP DEG.C
840109	0930	59390	0.30	0101	152.7	0.001<	442.0	0.019	13.00	0.570	4	1.0
840206	0940	59309	0.30	0101	139.2	0.001<	392.0	0.003	11.00	0.490	4	1.0
840306	1020	59318	0.30	0101	116.5	0.001<	322.0	0.004	10.00	0.230		1.0
840417	0910	59327	0.30	0101	95.5	0.001<	265.0	0.002	13.00	0.850	3	7.0
840611	0920	59336	0.30	0101	153.9	0.001<	330.0	0.004	5.00	0.700	8	23.0
840808	0906	59354	0.30	0101	182.7	0.001	395.0	0.002	8.00	0.310	8	25.0
840904	1008	59363	0.30	0101	156.1	0.001<	350.0	0.005	11.00	0.930	8	17.0
841001	1000	59372	0.30	0101	197.4	0.001<	430.0	0.004	10.0C	2.650	8	10.0
841111	0925	59390	0.30	0101	143.5	0.001<	405.0	0.003	13.00	0.525	8	8.0
841126	1040	59381	0.30	0101	158.3	0.001<	410.0	0.002	15.00	0.540	8	5.0
		MAXIMUM	0.30		197.4	0.001	442.0	0.019	15.00	2.650		25.0
		ARITH MEAN	0.30		149.6	0.001	374.1	0.005	10.90	0.779		9.8
		GEOM MEAN			146.8		370.1	0.004	10.48	0.619		5.5
		MINIMUM	0.30		95.5	0.001	265.0	0.002	5.00	0.230		1.0
		STD DEV (GEOM *)			29.2		55.7	0.005	2.88	0.692		9.0
		# SAMP IN STATISTICS	10		10	1	10	10	10	10		10
		% SAMP (EXCLUDED)				90						

*=INTERIM TEST-NAME:			NIUT NICKEL	PBUT LEAD	PH	PHNOL PHENOLS	PPUT PHOSPHOR	TURB	ZNUT ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS NI	UNF.TOT. MG/L AS PB	PH	UNF-REAC UG/L PHENOL	UNF.TOT. MG/L AS P	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
840109	0930	59390	0.002<	0.003<	7.90	0.4<T	0.033	11.60	0.009
840206	0940	59309	0.002<	0.003<	7.42	0.2<W	0.030	5.30	0.008
840306	1020	59318	0.002<	0.003<	7.09	1.0	0.012	3.50	0.012
840417	0910	59327	0.002<	0.003<	7.02	-0.2<T	0.077	15.60	0.019
840611	0920	59336	0.010	0.003<	7.76	0.2<W	0.048	8.10	0.005
840808	0906	59354	0.003	0.003<	8.04	0.2<W	0.085	5.10	0.004
840904	1008	59363	0.004	0.003<	7.03	-0.2<T	0.070	18.80	0.013
841001	1000	59372	0.007	0.003<	7.88	1.2	0.350	54.00	0.006
841111	0925	59390	0.002	0.003<	7.72	1.2	0.013	7.30	0.005
841126	1040	59381	0.002	0.003<	7.95	1.6	0.028	5.50	0.004
		MAXIMUM	0.010		8.04	1.6	0.350	54.00	0.019
		ARITH MEAN	0.005		7.58	0.6<A	0.075	13.48	0.008
		GEOM MEAN			7.57		0.045	9.45	0.007
		MINIMUM	0.002		7.02	-0.2	0.012	3.50	0.004
		STD DEV (GEOM *)			0.40		0.100	15.08	0.005
		# SAMP IN STATISTICS	6		10	10	10	10	10
		% SAMP (EXCLUDED)	40						

1984 WATER QUALITY DATA REGION 4

STATION ID: 12-0073-011-02

B.O.W./ SITE: NORTH RAISIN RIVER
SAMPLE POINT: AT FIRST UPSTREAM OF MARTINTOWN
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST LAWRENCE RIVER
TERM STREAM: RAISIN RIVER

STORET CODE: 02
005
0250

LAT: 45 08 59.82 LONG: 074 44 07.47 U T M: 18 0520800.0 4999425.0 4 REGION: 04 DISTANCE: 25.266

#=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	COND25	CUUT	DO	FEUT	FWSTRC	FWTEMP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	IRON UNF.TOT. MG/L AS FE	STREAM COND.	WATER TEMP DEG.C
840109	1030	59392	0.30	0101	170.8	0.001<	472.0	0.004	14.00	0.255	4	1.0
840206	1150	59311	0.30	0101	182.5	0.001<	500.0	0.003	12.00	0.355	4	1.0
840306	1115	59320	0.30	0101	162.5	0.001<	422.0	0.008	12.00	0.195		1.0
840417	1045	59329	0.30	0101	114.9	0.001<	283.0	0.003	14.00	0.680	3	8.0
840611	1025	59338	0.30	0101	203.1	0.001<	435.0	0.004	10.00	1.725	8	24.5
840814	1003	59356	0.30	0101	183.2	0.001<	435.0	0.002	6.00	1.310	8	26.0
840904	1130	59365	0.30	0101	167.4	0.001<	425.0	0.003	8.00	1.450	8	20.0
841001	1115	59374	0.30	0101	171.7	0.001<	435.0	0.004	11.00	1.920	8	12.0
841111	1030	59392	0.30	0101	188.1	0.001<	555.0	0.004		0.275	4	6.0
841126	1235	59383	0.30	0101	200.1	0.001<	575.0	0.005	14.00	0.320	8	4.0
		MAXIMUM	0.30		203.1		575.0	0.008	14.00	1.920		26.0
		ARITH MEAN	0.30		174.4		453.7	0.004	11.22	0.848		10.3
		GEOM MEAN			172.6		446.5	0.004	10.85	0.606		5.6
		MINIMUM	0.30		114.9		283.0	0.002	6.00	0.195		1.0
		STD DEV (GEOM *)			24.9		81.3	0.002	2.82	0.679		9.8
		# SAMP IN STATISTICS	10		10		10	10	9	10		10
		% SAMP (EXCLUDED)										

#=INTERIM TEST-NAME:			NIUT NICKEL	PBUT LEAD	PH	PHNOL PHENOLS	PPUT PHOSPHOR	TURB	ZNUT ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS NI	UNF.TOT. MG/L AS PB	PH	UNF-REAC UG/L PHENOL	UNF.TOT. MG/L AS P	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
840109	1030	59392	0.002<	0.014	8.04	0.2<W	0.025	5.50	0.007
840206	1150	59311	0.002<	0.003<	7.93	0.2<W	0.031	7.30	0.018
840306	1115	59320	0.002<	0.003<	7.68	0.4<T	0.011	3.80	0.005
840417	1045	59329	0.002<	0.003<	7.84	0.2<W	0.040	14.90	0.006
840611	1025	59338	0.002<	0.003<	7.91	-0.4<T	0.125	24.00	0.005
840814	1003	59356	0.004	0.003<	7.99	-0.4<T	0.098	16.00	0.002
840904	1130	59365	0.002	0.003<	8.14	-0.2<T	0.092	26.00	0.006
841001	1115	59374	0.007	0.003<	7.95	5.0	0.173	42.00	0.012
841111	1030	59392	0.002	0.003<	7.98	0.4<T	0.010	6.30	0.003
841126	1235	59383	0.003	0.003<	8.03	0.8	0.020	5.50	0.005
		MAXIMUM	0.007	0.014	8.14	5.0	0.173	42.00	0.018
		ARITH MEAN	0.004	0.014	7.95	0.6<A	0.062	15.13	0.007
		GEOM MEAN			7.95		0.041	11.27	0.006
		MINIMUM	0.002	0.014	7.68	-0.4	0.010	3.80	0.002
		STD DEV (GEOM *)			0.12		0.056	12.35	0.005
		# SAMP IN STATISTICS	5	1	10	10	10	10	10
		% SAMP (EXCLUDED)	50	90					

B.O.W./ SITE: SOUTH RAISIN RIVER STATION ID: 12-0073-015-02
SAMPLE POINT: AT CO.RD.NO.20 SOUTH OF CASHIONGLEN
STATION TYPE: RIVER MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: ST LAWRENCE RIVER 005
TERM STREAM: RAISIN RIVER 0250

LAT: 45 06 00.24 LONG: 074 40 37.83 U T M: 18 0525400.0 4993900.0 4 REGION: 04 DISTANCE: 17.863

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ASUT	COND25	CUUT	DO	FEUT	FWSTRC	FWTEMP
				ALK	ARSENIC	CONDUCT.	COPPER	DISOLVED	IRON		
SAMPLE			PROJECT	TOTAL	UNF.TOT.	25C	UNF.TOT.	OXYGEN	UNF.TOT.		WATER
DATE HOUR	SAMPLE	SAMPLE DEPTH	SUB-PROJ	MG/L	MG/L	UMHO/CM	MG/L	MG/L	MG/L	STREAM	TEMP
YYMMDD LMT	NUMBER	M	CODE	AS CACO3	AS AS	AT 25 C	AS CU	AS O	AS FE	COND.	DEG.C
840109 1110	59393	0.30	0101	251.4	0.001<	948.0	0.004	12.00	0.410	4	1.0
840206 1215	59312	0.30	0101	294.5	0.001<	1124.0	0.004	9.00	0.975	4	1.0
840306 1200	59321	0.30	0101	234.5	0.001<	685.0	0.002	7.00	0.455		1.0
840417 1125	59330	0.30	0101	138.6	0.001<	438.0	0.007	12.00	2.150	3	9.0
840611 1045	59339	0.30	0101	245.9	0.001<	653.0	0.006	9.00	6.750	8	25.0
840814 1018	59357	0.30	0101	121.3	0.001	405.0	0.006	8.00	3.430	8	27.0
840904 1136	59366	0.30	0101	128.1	0.001<	445.0	0.004	10.00	1.475	8	19.0
841001 1150	59375	0.30	0101	180.2	0.001<	785.0	0.004	13.00	3.250	8	12.0
841111 1100	59393	0.30	0101	265.5	0.001<	1085.0	0.004	2.00	1.275	4	5.0
841126 1300	59384	0.30	0101	287.3	0.001<	1240.0	0.004	4.00	1.775	8	4.0
MAXIMUM		0.30		294.5	0.001	1240.0	0.007	13.00	6.750		27.0
ARITH MEAN		0.30		214.7	0.001	780.8	0.004	8.60	2.194		10.4
GEOM MEAN				204.3		724.3	0.004	7.64	1.582		5.5
MINIMUM		0.30		121.3	0.001	405.0	0.002	2.00	0.410		1.0
STD DEV (GEOM *)				66.8		306.6	0.001	3.53	1.904		10.0
# SAMP IN STATISTICS		10		10	1	10	10	10	10		10
% SAMP (EXCLUDED)					90						

*=INTERIM TEST-NAME:		NIUT	PBUT	PH	PHNOL	PPUT	TURB	ZNUT
		NICKEL	LEAD		PHENOLS	PHOSPHOR		ZINC
SAMPLE		UNF.TOT.	UNF.TOT.		UNF-REAC	UNF.TOT.		UNF.TOT.
DATE HOUR	SAMPLE	MG/L	MG/L		UG/L	MG/L	TURB'ITY	MG/L
YYMMDD LMT	NUMBER	AS NI	AS PB	PH	PHENOL	AS P	FTU	AS ZN
840109 1110	59393	0.002<	0.011	8.18	0.2<T	0.042	9.00	0.009
840206 1215	59312	0.002<	0.003<	7.86	1.2	0.245	21.00	0.020
840306 1200	59321	0.002<	0.003<	7.45	0.2<T	0.046	9.30	0.008
840417 1125	59330	0.007	0.003<	7.85	-0.6<T	0.090	37.00	0.023
840611 1045	59339	0.002	0.003<	7.90	-0.4<T	0.375	96.00	0.015
840814 1018	59357	0.007	0.015	8.05	-0.2<T	0.142	69.00	0.019
840904 1136	59366	0.003	0.003<	8.18	-0.2<T	0.062	33.00	0.007
841001 1150	59375	0.003	0.003<	7.92	0.4<T	0.225	59.00	0.011
841111 1100	59393	0.002	0.003<	7.91	0.6<T	0.046	26.00	0.007
841126 1300	59384	0.002	0.003<	8.03	0.8	0.069	32.00	0.008
MAXIMUM		0.007	0.015	8.18	1.2	0.375	96.00	0.023
ARITH MEAN		0.004	0.013	7.93	0.2<A	0.134	39.13	0.013
GEOM MEAN				7.93		0.100	30.51	0.012
MINIMUM		0.002	0.011	7.45	-0.6	0.042	9.00	0.007
STD DEV (GEOM *)				0.21		0.113	27.71	0.006
# SAMP IN STATISTICS		7	2	10	10	10	10	10
% SAMP (EXCLUDED)		30	80					

B.O.W./ SITE: DELISLE RIVER
SAMPLE POINT: AT CNR TRESTLE DNSTR.OF ALEXANDRIA
STATION TYPE: RIVER

STATION ID: 12-0086-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST.LAWRENCE RIVER
TERM STREAM: DELISLE RIVER

STORET CODE: 02
005
0040

LAT: 45 19 21.44 LONG: 074 36 09.17 U T M: 18 0531150.0 5018650.0 4 REGION: 04 DISTANCE: 44.578

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	BOD5	CLIDUR	COND25	CUUT	DO	FCHF
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CHLORIDE UNF.REAC MG/L AS CL-	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	FECAL COLIFORM MF CNT /100ML
840109	1320	59398	0.30	0101	171.3		2.11	23.95	500.0	0.003	13.00	
840206	1410	59317	0.30	0101	190.5		4.08	42.93	610.0	0.005	12.00	4200
840306	1355	59326	0.30	0101	157.0	0.001<			419.0	0.003	11.00	1020
840417	1350	59335	0.30	0101	111.0		0.99	8.02	285.0	0.004	15.00	240
840611	1302	59344	0.30	0101	161.2		3.06	23.24	416.0	0.003	9.00	
840814	1206	59362	0.30	0101	163.0		4.50	94.35	680.0	0.008	9.00	
840904	1325	59371	0.30	0101	194.1		2.74	30.54	535.0	0.004	9.00	
841001	1400	59380	0.30	0101	199.1	0.001<			715.0	0.004	9.00	
841111	1245	59398	0.30	0101	209.3		1.54	26.46	550.0	0.003	3.00	
841126	1550	59389	0.30	0101	209.4		1.44	26.41	560.0	0.004	5.00	
		MAXIMUM	0.30		209.4		4.50	94.35	715.0	0.008	15.00	4200
		ARITH MEAN	0.30		176.2		2.56	34.49	527.0	0.004	9.50	1820
		GEOM MEAN			173.6		2.27	28.07	511.0	0.004	8.72	1009
		MINIMUM	0.30		111.0		0.99	8.02	285.0	0.003	3.00	240
		STD DEV (GEOM *)			29.9		1.27	26.02	129.4	0.002	3.57	4*
		# SAMP IN STATISTICS	10		10		8	8	10	10	10	3
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			FEUT	FSHF	FWSTRC	FWTEMP	NIUT	NNHTFR	PBUT	PH	PPUT	TCHF
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	IRON UNF.TOT. MG/L AS FE	FECAL STREPCUS MF CNT /100ML	STREAM COND.	WATER TEMP DEG.C	NICKEL UNF.TOT. MG/L AS NI	NH3-N TOTAL FIL.REAC MG/L AS N	LEAD UNF.TOT. MG/L AS PB	PH	PHOSPHOR UNF.TOT. MG/L AS P	COLIFORM TOTAL MF CNT /100ML
840109	1320	59398			4	1.0		0.920	0.005	8.10	0.131	
840206	1410	59317		1010	4	1.0		1.790	0.003<	7.52	0.245	167000
840306	1355	59326	0.280			1.0	0.002<		0.003<	7.59	0.081	112000
840417	1350	59335			3	9.0		0.136	0.003<	7.88	0.064	4900
840611	1302	59344			8	25.5		0.144	0.003<	7.83	0.2200	
840814	1206	59362			8	28.0		0.096	0.003<	7.61	1.330	
840904	1325	59371			8	20.0		0.044	0.003<	7.99	0.315	
841001	1400	59380	1.170		8	14.0	0.002		0.003<	8.46	0.695	
841111	1245	59398			8	3.0		0.480	0.003<	7.96	0.117	
841126	1550	59389			8	4.0		0.612	0.003<	7.99	0.141	

(C O N T D)

B.O.W./ SITE: DELISLE RIVER
SAMPLE POINT: AT CNR TRESTLE DNSTR.OF ALEXANDRIA
STATION TYPE: RIVER

STATION ID: 12-0086-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST.LAWRENCE RIVER
TERM STREAM: DELISLE RIVER

STORET CODE: 02
005
0040

LAT: 45 19 21.44 LONG: 074 36 09.17 U T M: 18 0531150.0 5018650.0 4 REGION: 04 DISTANCE: 44.578

*=INTERIM TEST-NAME:			FEUT	FSHF	FWSTRC	FWTEMP	NIUT	NNHTFR	PBUT	PH	PPUT	TCMF
				FECAL				NH3-N				COLIFORM
			IRON	STREPCUS			NICKEL	TOTAL	LEAD		PHOSPHOR	TOTAL
SAMPLE			UNF.TOT.	MF		WATER	UNF.TOT.	FIL.REAC	UNF.TOT.		UNF.TOT.	MF
DATE	HOUR	SAMPLE	MG/L	CNT	STREAM	TEMP	MG/L	MG/L	MG/L		MG/L	CNT
YYMMDD	LMT	NUMBER	AS FE	/100ML	COND.	DEG.C	AS NI	AS N	AS PB	PH	AS P	/100ML
		MAXIMUM	1.170	1010		28.0	0.002	1.790	0.005	8.46	1.330	167000
		ARITH MEAN	0.725	1010		10.6	0.002	0.528	0.005	7.89	0.334	94633
		GEOM MEAN	0.572			5.4		0.282		7.89	0.211	45086
		MINIMUM	0.280	1010		1.0	0.002	0.044	0.005	7.52	0.064	4900
	STD DEV (GEOM *)		0.629			10.6		0.595		0.28	0.395	7*
	# SAMP IN STATISTICS		2	1		10	1	8	1	10	10	3
	% SAMP (EXCLUDED)						50		90			

*=INTERIM TEST-NAME:			TCMFBK	TURB	ZNUT
			COLIFORM		
			TOTAL MF		ZINC
SAMPLE			BCKGRD		UNF.TOT.
DATE	HOUR	SAMPLE	CNT	TURB'ITY	MG/L
YYMMDD	LMT	NUMBER	/100ML	FTU	AS ZN
840109	1320	59398		9.00	0.007
840206	1410	59317	32000	8.70	0.020
840306	1355	59326	37000	5.00	0.005
840417	1350	59335	11200	21.00	0.008
840611	1302	59344		26.50	0.007
840814	1206	59362		69.00	0.024
840904	1325	59371		32.00	0.007
841001	1400	59380		40.00	0.005
841111	1245	59398		10.90	0.004
841126	1550	59389		11.30	0.005
		MAXIMUM	37000	69.00	0.024
		ARITH MEAN	26733	23.34	0.009
		GEOM MEAN	23670	17.28	0.008
		MINIMUM	11200	5.00	0.004
	STD DEV (GEOM *)		2*	19.75	0.007
	# SAMP IN STATISTICS		3	10	10
	% SAMP (EXCLUDED)				

B.O.W./ SITE: DELISLE RIVER STATION ID: 12-0086-002 02
SAMPLE POINT: AT FIRST BRIDGE UPSTR.OF ALEXANDRIA
STATION TYPE: RIVER MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: ST.LAWRENCE RIVER 005
TERM STREAM: DELISLE RIVER 0040

LAT: 45 19 42.70 LONG: 074 37 06.44 U T M: 18 0529900.0 5019300.0 4 REGION: 04 DISTANCE: 46.509

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT ALK	ASUT ARSENIC	COND25 CONDUCT.	CUUT COPPER	DO DISOLVED	FEUT IRON	FWSTRC	FWTEMP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	TOTAL MG/L AS CACO3	UNF.TOT. MG/L AS AS	25C UMHO/CM AT 25 C	UNF.TOT. MG/L AS CU	OXYGEN MG/L AS O	UNF.TOT. MG/L AS FE	STREAM COND.	WATER TEMP DEG.C
840109	1300	59397	0.30	0101	160.1	0.001<	429.0	0.003	14.00	0.365	4	1.0
840206	1355	59316	0.30	0101	176.3	0.001<	481.0	0.003	12.00	0.570	4	1.0
840306	1340	59325	0.30	0101	148.5	0.001<	376.0	0.004	11.00	0.355		1.0
840417	1320	59334	0.30	0101	104.9	0.001<	265.0	0.003	17.00	1.050	3	8.0
840611	1245	59343	0.30	0101	152.4	0.001<	346.0	0.005	12.00	0.955	8	25.0
840814	1151	59361	0.30	0101	170.0	0.001<	420.0	0.003	9.00	1.325	8	27.0
840904	1325	59370	0.30	0101	195.2	0.001<	475.0	0.006	7.00	1.540	8	18.0
841001	1340	59379	0.30	0101	217.2	0.001<	510.0	0.007	15.00	4.350	8	12.0
841111	1235	59397	0.30	0101	194.1	0.001<	485.0	0.002	2.00	0.430	8	2.0
		MAXIMUM	0.30		217.2		510.0	0.007	17.00	4.350		27.0
		ARITH MEAN	0.30		168.7		420.8	0.004	11.00	1.216		10.6
		GEOM MEAN			165.6		413.2	0.004	9.63	0.869		5.1
		MINIMUM	0.30		104.9		265.0	0.002	2.00	0.355		1.0
		STD DEV (GEOM *)			32.7		79.5	0.002	4.53	1.252		10.5
		# SAMP IN STATISTICS	9		9		9	9	9	9		9
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			NIUT NICKEL	PBUT LEAD	PH	PHNOL PHENOLS	PPUT PHOSPHOR	TURB	ZNUT ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS NI	UNF.TOT. MG/L AS PB	PH	UNF-REAC UG/L PHENOL	UNF.TOT. MG/L AS P	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
840109	1300	59397	0.002<	0.003<	8.02	0.2<W	0.032	5.60	0.004
840206	1355	59316	0.002<	0.003<	7.71	0.2<W	0.173	9.10	0.022
840306	1340	59325	0.002<	0.003<	7.80	0.4<T	0.025	3.20	0.005
840417	1320	59334	0.002	0.003<	7.92	-0.4<T	0.048	18.00	0.009
840611	1245	59343	0.002	0.003<	7.98	-0.2<T	0.079	3.90	0.012
840814	1151	59361	0.002	0.003<	8.05	-0.2<T	0.089	17.00	0.006
840904	1325	59370	0.004	0.003<	8.00	-0.6<T	0.081	16.70	0.016
841001	1340	59379	0.012	0.004	8.12	0.4<T	0.295	78.00	0.021
841111	1235	59397	0.002	0.003<	7.92	0.8	0.018	9.40	0.004
		MAXIMUM	0.012	0.004	8.12	0.8	0.295	78.00	0.022
		ARITH MEAN	0.004	0.004	7.95	0.1<A	0.093	18.10	0.011
		GEOM MEAN			7.95		0.065	11.62	0.009
		MINIMUM	0.002	0.004	7.71	-0.6	0.018	3.90	0.004
		STD DEV (GEOM *)			0.13		0.089	23.11	0.007
		# SAMP IN STATISTICS	6	1	9	9	9	9	9
		% SAMP (EXCLUDED)	33	88					

B.O.W./ SITE: GARRY RIVER
SAMPLE POINT: AT CNR TRESTLE ALEXANDRIA
STATION TYPE: RIVER

STATION ID: 12-0086-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST.LAWRENCE RIVER
TERM STREAM: DELISLE RIVER

STORET CODE: 02 005 0040

LAT: 45 18 59.06 LONG: 074 37 38.89 U T M: 18 0529200.0 5017950.0 4 REGION: 04 DISTANCE: 48.279

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT ALK	ASUT ARSENIC	COND25 CONDUCT.	CUUT COPPER	DO DISOLVED	FEUT IRON	FWSTRC	FWTEMP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	TOTAL MG/L AS CACO3	UNF.TOT. MG/L AS AS	25C UMHO/CM AT 25 C	UNF.TOT. MG/L AS CU	OXYGEN MG/L AS O	UNF.TOT. MG/L AS FE	STREAM COND.	WATER TEMP DEG.C
840109	1245	59396	0.30	0101	135.0	0.001<	329.0	0.002	13.00	0.255	4	1.0
840206	1330	59315	0.30	0101	156.9	0.001<	422.0	0.002	10.00	0.370	4	1.0
840306	1320	59324	0.30	0101	140.5	0.001<	503.0	0.005	10.00	0.260		1.0
840417	1300	59333	0.30	0101	83.6	0.001<	205.0	0.002	16.00	0.205	3	10.0
840611	1235	59342	0.30	0101	94.5	0.001<	439.0	0.004	10.00	0.165	8	25.0
840814	1136	59360	0.30	0101	122.2	0.001	345.0	0.014	7.00	7.460	8	27.0
840904	1310	59369	0.30	0101	108.3	0.001<	305.0	0.003	9.00	0.425	8	20.0
841001	1330	59378	0.30	0101	142.8	0.001<	430.0	0.007	13.00	25.000	8	12.0
841111	1120	59396	0.30	0101	137.7	0.001<	347.0	0.002	4.00	0.225	8	3.0
841126	1500	59387	0.30	0101	133.3	0.001<	342.0	0.002	8.00	0.185	8	7.0
		MAXIMUM	0.30		156.9	0.001	503.0	0.014	16.00	25.000		27.0
		ARITH MEAN	0.30		125.5	0.001	366.7	0.004	10.00	3.455		10.7
		GEOM MEAN			123.4		357.1	0.003	9.41	0.554		5.7
		MINIMUM	0.30		83.6	0.001	205.0	0.002	4.00	0.165		1.0
		STD DEV (GEOM *)			23.2		84.1	0.004	3.40	7.901		10.1
		# SAMP IN STATISTICS	10		10	1	10	10	10	10		10
		% SAMP (EXCLUDED)				90						

*=INTERIM TEST-NAME:			NIUT NICKEL	PBUT LEAD	PH	PHNOL PHENOLS	PPUT PHOSPHOR	TURB	ZNUT ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS NI	UNF.TOT. MG/L AS PB	PH	UNF-REAC UG/L PHENOL	UNF.TOT. MG/L AS P	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
840109	1245	59396	0.002<	0.017	7.65	0.2<T	0.031	2.30	0.008
840206	1330	59315	0.002<	0.003<	7.69	0.2<W	0.039	4.40	0.007
840306	1320	59324	0.002<	0.003	7.66	0.8	0.026	5.30	0.007
840417	1300	59333	0.002<	0.003<	8.00	-0.4<T	0.026	2.70	0.005
840611	1235	59342	0.002<	0.003<	8.02	0.2<W	0.028	8.55	0.004
840814	1136	59360	0.008	0.052	7.87	0.8	0.820	127.00	0.072
840904	1310	59369	0.002<	0.005	7.92	0.2<T	0.044	5.40	0.005
841001	1330	59378	0.003	0.024	7.44	1.4	4.650		0.032
841111	1120	59396	0.002<	0.003<	7.98	0.8	0.023	3.30	0.003
841126	1500	59387	0.002<	0.003<	7.80	1.4	0.028	2.30	0.003
		MAXIMUM	0.008	0.052	8.02	1.4	4.650	127.00	0.072
		ARITH MEAN	0.005	0.020	7.80	0.6<A	0.571	17.92	0.015
		GEOM MEAN			7.80		0.069	5.71	0.008
		MINIMUM	0.003	0.003	7.44	-0.4	0.023	2.30	0.003
		STD DEV (GEOM *)			0.19		1.454	40.95	0.022
		# SAMP IN STATISTICS	2	5	10	10	10	9	10
		% SAMP (EXCLUDED)	80	50					

B.O.W./ SITE: GARRY RIVER
SAMPLE POINT: AT FIRST BRIDGE UPSTR.OF ALEXANDRIA
STATION TYPE: RIVER

STATION ID: 12-0086-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST.LAWRENCE RIVER
TERM STREAM: DELISLE RIVER

STORET CODE: 02
005
0040

LAT: 45 18 08.95 LONG: 074 38 15.95 U T M: 18 0528400.0 5016400.0 4 REGION: 04 DISTANCE: 50.049

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	COND25	CUUT	DO	FEUT	FWSTRC	FWTEMP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	IRON UNF.TOT. MG/L AS FE	STREAM COND.	WATER TEMP DEG.C
840109	1210	59395	0.30	0101	133.8	0.001<	314.0	0.002	11.00	0.170	4	1.0
840206	1315	59314	0.30	0101	152.9	0.001<	351.0	0.040	8.00	0.315	4	1.0
840306	1310	59323	0.30	0101	139.5	0.001<	304.0	0.001	8.00	0.120		1.0
840417	1240	59332	0.30	0101	84.6	0.001<	200.0	0.001	9.00	0.050	3	10.0
840611	1147	59341	0.30	0101	97.2	0.001<	210.0	0.001	7.00	0.220	8	25.5
840814	1117	59359	0.30	0101		0.001<		0.001	7.00		8	28.0
840904	1257	59368	0.30	0101	108.1	0.001<	250.0	0.003	8.00	0.170	8	21.0
841001	1310	59377	0.30	0101	140.9	0.001<	310.0	0.004	9.00	0.195	8	12.0
841111	1155	59395	0.30	0101	128.5	0.001<	290.0	0.001	4.00	0.085	8	3.0
841126	1415	59386	0.30	0101	126.5	0.001<	275.0	0.002	11.00	0.090	8	4.0
		MAXIMUM	0.30		152.9		351.0	0,040	11.00	0.315		28.0
		ARITH MEAN	0.30		123.6		278.2	0.006	8.20	0.157		10.6
		GEOM MEAN			121.6		274.0	0.002	7.93	0.138		5.4
		MINIMUM	0.30		84.6		200.0	0.001	4.00	0.050		1.0
		STD DEV (GEOM *)			22.4		50.0	0.012	2.04	0.082		10.6
		# SAMP IN STATISTICS	10		9		9	10	10	9		10
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			NIUT NICKEL	PBUT LEAD	PH	PHNOL PHENOLS	PPUT PHOSPHOR	TURB	ZNUT ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS NI	UNF.TOT. MG/L AS PB	PH	UNF-REAC UG/L PHENOL	UNF.TOT. MG/L AS P	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
840109	1210	59395	0.002<	0.033	7.85	0.2<W	0.018	1.50	0.011
840206	1315	59314	0.002	0.003<	7.10	0.6<T	0.016	2.10	0.017
840306	1310	59323	0.002<	0.003<	7.09	0.2<T	0.021	1.90	0.004
840417	1240	59332	0.002<	0.003<	7.91	-0.4<T	0.010	1.78	0.003
840611	1147	59341	0.002<	0.003<	7.53	-0.4<T	0.048	4.30	0.006
840814	1117	59359	0.004	0.003<					0.005
840904	1257	59368	0.002	0.003<	7.50	-0.2<T	0.021	4.20	0.003
841001	1310	59377	0.004	0.003<	7.65	0.4<T	0.110	5.50	0.005
841111	1155	59395	0.002<	0.003<	7.54	0.6<T	0.009	3.10	0.002
841126	1415	59386	0.002<	0.003<	7.52	1.4	0.020	2.20	0.003
		MAXIMUM	0.004	0.033	7.91	1.4	0.110	5.50	0.017
		ARITH MEAN	0.003	0.033	7.52	0.3<A	0.030	2.95	0.006
		GEOM MEAN			7.52		0.022	2.68	0.005
		MINIMUM	0.002	0.033	7.09	-0.4	0.009	1.50	0.002
		STD DEV (GEOM *)			0.28		0.032	1.40	0.005
		# SAMP IN STATISTICS	4	1	9	9	9	9	10
		% SAMP (EXCLUDED)	60	90					

B.O.W./ SITE: PICTON CREEK
SAMPLE POINT: AT CONSERVATION AREA POUND
STATION TYPE: RIVER

STATION ID: 17-0008-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: PICTON CREEK

STORET CODE: 02
004
1710

LAT: 44 00 14.81 LONG: 077 07 14.75 U T M: 18 0329975.0 4874300.0 4 REGION: 04 DISTANCE: 1.287

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	COND25	CUUT	DO	FEUT	FWSTRC	FWTEMP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	IRON UNF.TOT. MG/L AS FE	STREAM COND.	WATER TEMP DEG.C
840131	0830	57800	0.30	0101	205.9	0.001<	457.0	0.002	9.00	0.035<T	9 8	1.0
840306	0835	57809	0.30	0101	188.5	0.001<	400.0	0.003	10.00	0.060	8 4	1.5
840327	0830	57818	0.30	0101	176.1	0.001<	375.0	0.004	7.00	0.175	4 8	1.5
840424	0820	57827	0.30	0101	187.5	0.001<	385.0	0.006	9.00	0.025<T	6 8	8.0
840529	0835	57827	0.30	0101	219.4	0.001<	431.0	0.004	10.00	0.085	8	12.0
840626	0830	57845	0.30	0101	214.7	0.001<	428.0	0.320		0.290	8	21.0
840731	0830	57854	0.30	0101	130.7	0.001<	283.0	0.002	11.00	0.210	8	24.0
840828	0830	57863	0.30	0101	141.9	0.001<	330.0	0.002	10.00	0.170	6 8	23.0
841127	0827	57890	0.30	0101	148.7	0.001<	395.0	0.002	13.00	0.090	4 8	1.0
		MAXIMUM	0.30		219.4		457.0	0.320	13.00	0.290		24.0
		ARITH MEAN	0.30		179.3		387.1	0.038	9.87	0.127<A		10.3
		GEOM MEAN			176.5		383.5	0.005	9.74	0.097<A		5.1
		MINIMUM	0.30		130.7		283.0	0.002	7.00	0.025		1.0
		STD DEV (GEOM *)			32.5		53.6	0.106	1.73	0.090<A		10.0
		# SAMP IN STATISTICS	9		9		9	9	8	9		9
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			NIUT	PBUT	PH	PHNOL	PPUT	TURB	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	NICKEL UNF.TOT. MG/L AS NI	LEAD UNF.TOT. MG/L AS PB	PH	PHENOLS UNF-REAC UG/L PHENOL	PHOSPHOR UNF.TOT. MG/L AS P	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840131	0830	57800	0.002<	0.003<	8.00		0.011	0.63	0.009
840306	0835	57809	0.002<	0.003<	7.93	0.2<T	0.003<T	0.49	0.005
840327	0830	57818	0.002<	0.003<	8.00	-0.6<T	0.017	0.33	0.004
840424	0820	57827	0.002<	0.003<	8.06	-1.2<T	0.005	0.75	0.005
840529	0835	57827	0.002	0.003<	6.71	0.6<T	0.048	8.75	0.003
840626	0830	57845	0.360	1.000	7.78	-0.6<T	0.032	5.70	19.000
840731	0830	57854	0.003	0.003<	7.56	0.8	0.029	3.30	0.005
840828	0830	57863	0.002<	0.003<	7.56	0.4<T	0.035	6.20	0.005
841127	0827	57890	0.002<	0.003<	8.24	1.0	0.001<W	3.70	0.005
		MAXIMUM	0.360	1.000	8.24	1.0	0.048	8.75	19.000
		ARITH MEAN	0.122	1.000	7.76	0.1<A	0.020<A	3.32	2.116
		GEOM MEAN			7.75		0.012<A	1.88	0.012
		MINIMUM	0.002	1.000	6.71	-1.2	0.001	0.33	0.003
		STD DEV (GEOM *)			0.45		0.017<A	3.05	6.332
		# SAMP IN STATISTICS	3	1	9	8	9	9	9
		% SAMP (EXCLUDED)	66	88					

B.O.W./ SITE: MARSH CREEK
SAMPLE POINT: AT BRIDGE STREET, PICTON
STATION TYPE: RIVER

STATION ID: 17-0008-002-02

MAJOR BASIN: GREAT LAKES
MINOR.BASIN: LAKE ONTARIO
TERM STREAM: BAY OF QUINTE(PICTON BAY)

STORET CODE: 02
004
1710

LAT: 44 00 59.13 LONG: 077 08 11.35 U T M: 18 0328750.0 4875700.0 4 REGION: 04

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	BOD5	CLIDUR	COND25	CUUT	DO	FCMF	FEUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	BOD 5 DAY TOT.DEM. MG/L AS O	CHLORIDE UNF.REAC MG/L AS CL-	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE
840131	1130	57808	0.30	0101	198.9	1.96	38.48	640.0	0.008	3.00	240	
840306	1140	57817	0.30	0101	217.5	1.62	43.59	628.0	0.010	2.00		
840327	0840	57826	0.30	0101						4.00	940	0.955
840424	0900	57835	0.30	0101	220.6	1.70	27.39	578.0		3.00		1.250
840529	0850	57835	0.30	0101	196.4	2.27	16.93	475.0	0.004	3.00		0.615
840626	1120	57853	0.30	0101	103.8	0.78	21.13	322.0	0.002			0.180
840731	1225	57862	0.30	0101	190.6	4.52	47.60	679.0	0.005	8.00		0.365
840828	1230	57871	0.30	0101	192.7	2.96	47.09	675.0	0.004	3.00		0.320
841001	1125	57880	0.30	0101	164.1	3.49U	48.27	660.0	0.006	2.00		0.380
841030	1135	57889	0.30	0101	155.7	10.20	50.96	695.0	0.034	4.00		8.150
841127	1158	57898	0.30	0101	173.2	1.68	49.36	700.0	0.008	7.00		0.615
		MAXIMUM	0.30		220.6	10.20	50.96	700.0	0.034	8.00	940	8.150
		ARITH MEAN	0.30		181.3	3.12	39.08	605.2	0.009	3.90	590	1.426
		GEOM MEAN			177.8	2.45	36.73	591.3	0.007	3.52	475	0.676
		MINIMUM	0.30		103.8	0.78	16.93	322.0	0.002	2.00	240	0.180
		STD DEV (GEOM *)			34.4	2.71	12.64	120.2	0.010	2.02	3*	2.544
		# SAMP IN STATISTICS	11		10	10	10	10	9	10	2	9
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			FSMF	FWSTRC	FWTEMP	HGUT	NNHTFR	PBUT	PH	PPUT	TCMF	TCMFBK
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	FECAL STREPCUS MF CNT /100ML	STREAM COND.	WATER TEMP DEG.C	MERCURY UNF.TOT. UG/L AS HG	NH3-N TOTAL FIL.REAC MG/L AS N	LEAD UNF.TOT. MG/L AS PB	PH	PHOSPHOR UNF.TOT. MG/L AS P	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML
840131	1130	57808	20<	4 8	3.0		1.980	0.003<	7.66	0.044	4800	8000
840306	1140	57817		8	5.5		1.740	0.009	7.80	0.220		
840327	0840	57826	180<=>	8	2.5	0.04					12800<=>	60000
840424	0900	57835		6 8	9.0	0.04	1.030		7.81	0.190		
840529	0850	57835		8	11.5	0.33	0.306	0.003	7.90	0.163		
840626	1120	57853		6 9	18.0	0.50	0.198	0.003<	7.97	0.045		
840731	1225	57862		6 8	22.0	0.06	0.146	0.003	7.50	0.360		
840828	1230	57871		6 7	21.0	0.04	0.618	0.003<	7.59	0.410		
841001	1125	57880		6 8	13.5	0.06	0.630	0.003<	7.42	0.245		
841030	1135	57889		6 8	14.0	0.31U	1.460	0.075	7.20	2.850		
841127	1158	57898		6 8	11.0	0.08	2.670	0.003<	7.94	0.318		

(C O N T D)

B.O.W./ SITE: MARSH CREEK
SAMPLE POINT: AT BRIDGE STREET, PICTON
STATION TYPE: RIVER

STATION ID: 17-0008-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: BAY OF QUINTE(PICTON BAY)

STORET CODE: 02
004
1710

LAT: 44 00 59.13 LONG: 077 08 11.35 U T M: 18 0328750.0 4875700.0 4 REGION: 04

*=INTERIM TEST-NAME:			FSMF FECAL STREPCUS MF	FWSTRC	FWTEMP	HGUT	NNHTFR NH3-N TOTAL	PBUT	PH	PPUT	TCMF COLIFORM TOTAL	TCMFBK COLIFORM TOTAL MF
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	CNT /100ML	STREAM COND.	WATER TEMP DEG.C	MERCURY UNF.TOT. UG/L AS HG	FIL.REAC MG/L AS N	LEAD UNF.TOT. MG/L AS PB	PH	PHOSPHOR UNF.TOT. MG/L AS P	MF CNT /100ML	BCKGRD CNT /100ML
	MAXIMUM		180		22.0	0.50	2.670	0.075	7.97	2.850	12800	60000
	ARITH MEAN		180		11.9	0.16	1.078	0.022	7.68	0.484	8800	34000
	GEOM MEAN				9.7	0.10	0.738		7.68	0.232	7838	21909
	MINIMUM		180		2.5	0.04	0.146	0.003	7.20	0.044	4800	8000
STD DEV (GEOM *)					6.7	0.17	0.855		0.25	0.840	2*	4*
# SAMP IN STATISTICS			1		11	9	10	4	10	10	2	2
% SAMP (EXCLUDED)			50					55				

*=INTERIM TEST-NAME:			TURB	ZNUT ZINC UNF.TOT.
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	TURB'ITY FTU	MG/L AS ZN
840131	1130	57808	15.20	0.016
840306	1140	57817	28.00	0.021
840424	0900	57835	13.60	
840529	0850	57835	18.35	0.011
840626	1120	57853	3.40	0.004
840731	1225	57862	5.50	0.024
840828	1230	57871	8.50	0.017
841001	1125	57880	4.70	0.022
841030	1135	57889	147.00	0.150
841127	1158	57898	7.50	0.018
	MAXIMUM		147.00	0.150
	ARITH MEAN		25.17	0.031
	GEOM MEAN		12.42	0.019
	MINIMUM		3.40	0.004
STD DEV (GEOM *)			43.46	0.045
# SAMP IN STATISTICS			10	9
% SAMP (EXCLUDED)				

B.O.W./ SITE: DEMORESTVILLE CREEK STATION ID: 17-0014-001-02
SAMPLE POINT: AT COUNTY ROAD 14
STATION TYPE: RIVER FLOW GAUGE FED 02HE003 MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE ONTARIO 004
TERM STREAM: DEMORESTVILLE CREEK 1460

LAT: 44 05 26.28 LONG: 077 12 39.53 U T M: 18 0323000.0 4884100.0 4 REGION: 04 DISTANCE: 4.828

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	COND25	CUUT	DO	FEUT	FWFLOW	FWSTRC
					ALK	ARSENIC	CONDUCT.	COPPER	DISOLVED	IRON	STREAM	
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	TOTAL MG/L AS CACO3	UNF.TOT. MG/L AS AS	25C UMHO/CM AT 25 C	UNF.TOT. MG/L AS CU	OXYGEN MG/L AS O	UNF.TOT. MG/L AS FE	FLOW M3 /S	STREAM COND.
840131	1110	57807	0.30	0101	181.0	0.001<	434.0	0.003	1.00	0.290	0.078	4 8
840306	1125	57816	0.30	0101	141.5	0.001<	321.0	0.002	4.00	0.225	0.227	4 8
840327	1130	57825	0.30	0101	160.3	0.001<	345.0	0.002	3.00	0.340	0.669	6 8
840424	1130	57834	0.30	0101	110.5	0.001<	248.0	0.003	6.00	0.065	0.504	6 8
840529		57834	0.30	0101	132.7	0.001<	278.0	0.003	9.00	0.155	0.366	8
840626	1100	57852	0.30	0101	143.8	0.001<	309.0	0.001		0.225	0.055	6 8
840731	1155	57861	0.30	0101	156.0	0.001<	329.0	0.002	15.00	0.135	0.018	7
840828	1140	57870	0.30	0101		0.001<		0.002	10.00		0.014	6 7
841001	1110	57879	0.30	0101	168.0	0.001<	345.0	0.002	2.00	0.110	0.016	6 7
841030	1110	57888	0.30	0101	187.4	0.001<	375.0	0.002	5.00	0.160	0.008	6 8
841127	1135	57897	0.30	0101	166.3	0.001<	350.0	0.003	7.00	0.220	0.043	6 8
		MAXIMUM	0.30		187.4		434.0	0.003	15.00	0.340	0.669	
		ARITH MEAN	0.30		154.7		333.4	0.002	6.20	0.192	0.182	
		GEOM MEAN			153.1		329.9	0.002	4.82	0.175	0.069	
		MINIMUM	0.30		110.5		248.0	0.001	1.00	0.065	0.008	
		STD DEV (GEOM *)			23.2		51.1	0.001	4.24	0.084	0.232	
		# SAMP IN STATISTICS	11		10		10	11	10	10	11	
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			FWTEMP	NIUT	PBUT	PH	PHNOL	PPUT	TURB	ZNUT
				NICKEL	LEAD		PHENOLS	PHOSPHOR		ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	WATER TEMP DEG.C	UNF.TOT. MG/L AS NI	UNF.TOT. MG/L AS PB	PH	UNF-REAC UG/L PHENOL	UNF.TOT. MG/L AS P	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
840131	1110	57807	1.0	0.002<	0.003<	7.03		0.040	2.20	0.004
840306	1125	57816	1.0	0.002<	0.003<	7.08	0.2<W	0.024	1.60	0.011
840327	1130	57825	1.5	0.002<	0.003<	7.19	-0.6<T	0.032	1.25	0.003
840424	1130	57834	10.0	0.002<	0.003<	7.88	-1.2<T	0.019	0.48	0.003
840529		57834	12.0	0.002<	0.003<	6.57	0.2<W	0.040	7.10	0.006
840626	1100	57852	22.0	0.002<	0.003<	7.83	-0.4<T	0.028	1.34	0.001
840731	1155	57861	24.0	0.002<	0.003<	7.75	0.2<W	0.039	1.21	0.003
840828	1140	57870	23.0	0.002<	0.003<		0.8			0.002
841001	1110	57879	13.0	0.002<	0.003<	7.74	0.8	0.017	2.80	0.001
841030	1110	57888	13.0	0.002<	0.003<	7.75	0.6<T	0.014	1.04	0.003
841127	1135	57897	4.0	0.006	0.003<	7.72	1.8	0.018	1.62	0.002

(C O N T D)

B.O.W./ SITE: DEMORESTVILLE CREEK STATION ID: 17-0014-001-02
SAMPLE POINT: AT COUNTY ROAD 14
STATION TYPE: RIVER FLOW GAUGE FED 02HE003 MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE ONTARIO 004
TERM STREAM: DEMORESTVILLE CREEK 1460

LAT: 44 05 26.28 LONG: 077 12 39.53 U T M: 18 0323000.0 4884100.0 4 REGION: 04 DISTANCE: 4.828

*=INTERIM TEST-NAME: SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	FWTEMP WATER TEMP DEG.C	NIUT NICKEL UNF.TOT. MG/L AS NI	PBUT LEAD UNF.TOT. MG/L AS PB	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	PPUT PHOSPHOR UNF.TOT. MG/L AS P	TURB TURB'ITY FTU	ZNUT ZINC UNF.TOT. MG/L AS ZN
MAXIMUM			24.0	0.006		7.88	1.8	0.040	7.10	0.011
ARITH MEAN			11.3	0.006		7.45	0.2<A	0.027	2.06	0.004
GEOM MEAN			6.8			7.44		0.025	1.61	0.003
MINIMUM			1.0	0.006		6.57	-1.2	0.014	0.48	0.001
STD DEV (GEOM *)			8.8			0.45		0.010	1.88	0.003
# SAMP IN STATISTICS			11	1		10	10	10	10	11
% SAMP (EXCLUDED)				90						

B.G.W./ SITE: SANGUIN CREEK
SAMPLE POINT: AT COUNTY ROAD 28
STATION TYPE: RIVER

STATION ID: 17-0016-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: SANGUIN CREEK

STORET CODE: 02
004
1400

LAT: 44 06 11.21 LONG: 077 23 44.63 U T M: 18 0308250.0 4885900.0 4 REGION: 04 DISTANCE: 8.851

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	COND25	CUUT	DO	FEUT	FWSTRC	FWTEMP
					ALK	ARSENIC	CONDUCT.	COPPER	DISOLVED	IRON		
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	TOTAL MG/L AS CACO3	UNF.TOT. MG/L AS AS	25C UMHO/CM AT 25 C	UNF.TOT. MG/L AS CU	OXYGEN MG/L AS O	UNF.TOT. MG/L AS FE	STREAM COND.	WATER TEMP DEG.C
840131	1025	57806	0.30	0101	221.3	0.001	552.0	0.004	1.00	0.725	4 8	1.0
840306	1105	57815	0.30	0101	175.5	0.001<	416.0	0.004	2.00	0.245	4 8	1.0
840327	1100	57824	0.30	0101	144.8	0.001<	355.0	0.003	2.00	0.275	6 8	2.0
840424	1105	57833	0.30	0101	152.3	0.001<	335.0	0.003	4.00	0.140	6 8	10.0
840529	1120	57833	0.30	0101	171.9	0.001<	357.0	0.002	9.00	0.185	8	14.0
840626	1045	57851	0.30	0101	175.7	0.001<	352.0	0.002		0.480	6 8	20.0
840731	1130	57860	0.30	0101	178.7	0.001<	349.0	0.004	6.00	0.240	7	24.0
840828	1110	57869	0.30	0101		0.001<		0.100	6.00		6 8	23.0
841001	1050	57878	0.30	0101	202.4	0.001<	425.0	0.002	5.00	0.235	6 8	14.0
841030	1045	57887	0.30	0101	223.5	0.001<	470.0	0.003	7.00	0.350	6 8	13.5
841127	1108	57896	0.30	0101	252.7	0.001<	535.0	0.003	4.00	0.825	6 8	4.0
		MAXIMUM	0.30		252.7	0.001	552.0	0.100	9.00	0.825		24.0
		ARITH MEAN	0.30		189.9	0.001	414.6	0.012	4.60	0.370		11.5
		GEOM MEAN			187.2		408.1	0.004	3.86	0.316		7.1
		MINIMUM	0.30		144.8	0.001	335.0	0.002	1.00	0.140		1.0
	STD DEV (GEOM *)				34.2		80.3	0.029	2.50	0.234		8.6
	# SAMP IN STATISTICS		11		10	1	10	11	10	10		11
	% SAMP (EXCLUDED)					90						

*=INTERIM TEST-NAME:			NIUT	PBUT	PH	PHNOL	PPUT	TURB	ZNUT
			NICKEL	LEAD		PHENOLS	PHOSPHOR		ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS NI	UNF.TOT. MG/L AS PB	PH	UNF-REAC UG/L PHENOL	UNF.TOT. MG/L AS P	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
840131	1025	57806	0.002<	0.003<	7.07		0.120	4.70	0.011
840306	1105	57815	0.002<	0.003<	7.51	0.2<T	0.024	1.03	0.006
840327	1100	57824	0.002<	0.003<	7.44	-0.6<T	0.029	4.40	0.003
840424	1105	57833	0.002<	0.003<	7.77	-1.0<T	0.025	1.20	0.001
840529	1120	57833	0.002<	0.003<	6.44	0.8	0.085	5.35	0.003
840626	1045	57851	0.002<	0.003<	7.37	-0.4<T	0.094	3.50	0.002
840731	1130	57860	0.002<	0.003<	7.56	0.8	0.063	1.71	0.006
840828	1110	57869	0.003	0.010		0.8			0.150
841001	1050	57878	0.002<	0.008	7.84	0.4<T	0.039	5.20	0.003
841030	1045	57887	0.002<	0.003<	7.75	1.2	0.070	2.20	0.002
841127	1108	57896	0.002<	0.003<	7.55	0.8	0.085	5.30	0.002

(C O N T D)

B.O.W./ SITE: SAMGUIN CREEK
SAMPLE POINT: AT COUNTY ROAD 28
STATION TYPE: RIVER

STATION ID: 17-0016-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: SAMGUIN CREEK

STORET CODE: 02
004
1400

LAT: 44 06 11.21 LONG: 077 23 44.63 U T M: 18 0308250.0 4885900.0 4 REGION: 04 DISTANCE: 8.851

*=INTERIM TEST-NAME:			NIUT NICKEL	PBUT LEAD	PH	PHNOL PHENOLS	PPUT PHOSPHOR	TURB	ZNUT ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS NI	UNF.TOT. MG/L AS PB	PH	UNF-REAC UG/L PHENOL	UNF.TOT. MG/L AS P	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
		MAXIMUM	0.003	0.010	7.84	1.2	0.120	5.35	0.150
		ARITH MEAN	0.003	0.009	7.43	0.3<A	0.063	3.46	0.017
		GEOH MEAN			7.42		0.055	2.95	0.004
		MINIMUM	0.003	0.008	6.44	-1.0	0.024	1.03	0.001
		STD DEV (GEOH *)			0.41		0.033	1.77	0.044
		# SAMP IN STATISTICS	1	2	10	10	10	10	11
		% SAMP (EXCLUDED)	90	81					

B.O.W./ SITE: CROWE RIVER STATION ID: 17-0021-003-02
SAMPLE POINT: HIGHWAY 7, MARMORA
STATION TYPE: RIVER FLOW GAUGE FED 02HK003 MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE ONTARIO 004
TERM STREAM: TRENT RIVER 1220

LAT: 44 28 53.55 LONG: 077 41 07.06 U T M: 18 0286450.0 4928650.0 4 REGION: 04 DISTANCE: 75.798

*=INTERIM TEST-NAME:			FWSADP	FWDPTS	FGPROJ	ALKT	ASUT	COND25	CUUT	DO	FCMF	FEUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	WATER DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE
840705	1322	59003	0.30		0101	70.4	0.001<	172.9	0.025	6.90		0.130
840814	1435	59007	0.30	0.50	0101	85.5	0.001	200.0	0.001	7.50	40<=>	0.070
840905	1342	59011	0.30	0.30	0101	71.0	0.001<	177.0	0.001	8.40		0.135
841106	1335	59015	0.30	0.30	0101	87.1	0.001<	205.0	0.001<	11.80		0.205
841203	1400	59019	0.30	0.30	0101	81.4	0.001<	195.0	0.001	14.60	10<=>	0.080
		MAXIMUM	0.30	0.50		87.1	0.001	205.0	0.025	14.60	40	0.205
		ARITH MEAN	0.30	0.35		79.1	0.001	190.0	0.007	9.84	25	0.124
		GEOM MEAN				78.8		189.5		9.44	20	0.115
		MINIMUM	0.30	0.30		70.4	0.001	172.9	0.001	6.90	10	0.070
		STD DEV (GEOM *)				7.9		14.2		3.27	3*	0.054
		# SAMP IN STATISTICS	5	4		5	1	5	4	5	2	5
		% SAMP (EXCLUDED)					80		20			

*=INTERIM TEST-NAME:			FSMF	FWFLOW	FWSTRC	FWTEMP	NIUT	PBUT	PH	PHNOL	PPUT	TCMF
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	FECAL STREPCUS MF CNT /100ML	STREAM FLOW M3 /S	STREAM COND.	WATER TEMP DEG.C	NICKEL UNF.TOT. MG/L AS NI	LEAD UNF.TOT. MG/L AS PB	PH	PHENOLS UNF-REAC UG/L PHENOL	PHOSPHOR UNF.TOT. MG/L AS P	COLIFORM TOTAL MF CNT /100ML
840705	1322	59003		2.580	6	25.0	0.002<	0.019	8.06	0.6<T	0.011	
840814	1435	59007	20<	4.710	8	24.0	0.002<	0.014	8.05		0.016	300<=>
840905	1342	59011		17.300	8	2.0	0.002<	0.040	7.87		0.015	
841106	1335	59015		2.650	8	8.0	0.002<	0.024	8.22		0.015	
841203	1400	59019	10<	15.600	8	3.5	0.002<	0.012	7.78		0.023	40<=>
		MAXIMUM		17.300		25.0		0.040	8.22	0.6	0.023	300
		ARITH MEAN		8.568		12.5		0.022	8.00	0.6<A	0.016	170
		GEOM MEAN		6.135		8.0		0.020	7.99		0.016	110
		MINIMUM		2.580		2.0		0.012	7.78	0.6	0.011	40
		STD DEV (GEOM *)		7.271		11.2		0.011	0.17		0.004	4*
		# SAMP IN STATISTICS		5		5		5	5	1	5	2
		% SAMP (EXCLUDED)										

(C O N T D)

B.O.N./ SITE: CROWE RIVER
SAMPLE POINT: HIGHWAY 7, MARMORA
STATION TYPE: RIVER FLOW GAUGE FED 02HK003

STATION ID: 17-0021-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

LAT: 44 28 53.55 LONG: 077 41 07.06 U T M: 18 0286450.0 4928650.0 4 REGION: 04 DISTANCE: 75.798

*=INTERIM TEST-NAME:		TCMFBK COLIFORM TOTAL MF BCKGRD	TURB	ZNUT ZINC UNF.TOT.
SAMPLE DATE YYMMDD	HOUR LMT SAMPLE NUMBER	CNT /100ML	TURB'ITY FTU	MG/L AS ZN
840705	1322 59003		2.08	0.002
840814	1435 59007	240000>	8.80	0.001<
840905	1342 59011		3.60	0.002
841106	1335 59015		1.50	0.002
841203	1400 59019	1440	1.12	0.002
	MAXIMUM	1440	8.80	0.002
	ARITH MEAN	1440	3.42	0.002
	GEOM MEAN		2.56	
	MINIMUM	1440	1.12	0.002
	STD DEV (GEOM *)		3.15	
# SAMP IN STATISTICS		1	5	4
% SAMP (EXCLUDED)		50		20

B.O.W./ SITE: TRENT RIVER STATION ID: 17-0021-045-02
SAMPLE POINT: HIGHWAY 401 BRIDGE NEAR TRENTON.
STATION TYPE: RIVER FLOW GAUGE FED 02HK004 MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE ONTARIO 004
TERM STREAM: TRENT RIVER 1220

LAT: 44 07 39.40 LONG: 077 35 35.09 U T M: 18 0292540.0 4889100.0 4 REGION: 04 DISTANCE: 3.862

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	COND25	CUUT	DO	FEUT	FWFLOW	FWSTRC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	IRON UNF.TOT. MG/L AS FE	STREAM FLOW M3 /S	STREAM COND.
840502	0945	56301	0.30	0101	99.8	0.001<	245.0	0.010	12.00	0.235	96.200	6 9
840529	1000	56306	0.30	0101	101.5	0.001<	242.0	0.001	9.00	0.135	199.000	6 9
840703	1000	56311	0.30	0101	107.1	0.001<	251.0	0.002	8.00	0.165	26.000	5 6
840801	1045	56316	0.30	0101	100.1	0.001<	232.0	0.001	8.00	0.155	23.800	5 9
840904	1045	56321	0.30	0101	112.2	0.001<	260.0	0.003	10.00	0.185	86.400	5 9
841002	1050	56326	0.30	0101	116.5	0.001<	270.0	0.002	9.00	0.135	46.200	5 9
841030	0955	56331	0.30	0101	119.5	0.001<	280.0	0.001	10.00	0.115	52.600	5 9
841204	1020	56336	0.30	0101	107.5	0.001<	265.0	0.002	12.00	0.165	87.300	6
		MAXIMUM	0.30		119.5		280.0	0.010	12.00	0.235	199.000	
		ARITH MEAN	0.30		108.0		255.6	0.003	9.75	0.161	77.187	
		GEOM MEAN			107.8		255.2	0.002	9.64	0.158	61.957	
		MINIMUM	0.30		99.8		232.0	0.001	8.00	0.115	23.800	
		STD DEV (GEOM *)			7.5		16.0	0.003	1.58	0.037	56.596	
		# SAMP IN STATISTICS	8		8		8	8	8	8	8	
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			FWTEMP	NIUT	PBUT	PH	PHNOL	PPUT	TURB	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	WATER TEMP DEG.C	NICKEL UNF.TOT. MG/L AS NI	LEAD UNF.TOT. MG/L AS PB	PH	PHENOLS UNF-REAC UG/L PHENOL	PHOSPHOR UNF.TOT. MG/L AS P	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840502	0945	56301	9.0	0.015	0.003<	8.00		0.031	5.60	0.004
840529	1000	56306	14.0	0.002<	0.003<	8.13	1.0	0.028	4.75	0.036
840703	1000	56311	24.0	0.002<	0.003<	8.13	0.2<T	0.042	2.70	0.005
840801	1045	56316	24.0	0.002<	0.003<	7.91	0.8	0.038	3.50	0.004
840904	1045	56321	18.0	0.002<	0.003<	8.12	-0.4<T	0.039	7.90	0.012
841002	1050	56326	13.0	0.002	0.003<	8.23	0.2<W	0.030	4.90	0.013
841030	0955	56331	11.0	0.002<	0.003<	8.10	-0.4<T	0.033	3.30	0.009
841204	1020	56336	1.5	0.015	0.003<	7.91	1.0	0.015	2.40	0.009
		MAXIMUM	24.0	0.015		8.23	1.0	0.042	7.90	0.036
		ARITH MEAN	14.3	0.011		8.07	0.3<A	0.032	4.38	0.011
		GEOM MEAN	11.4			8.07		0.031	4.08	0.009
		MINIMUM	1.5	0.002		7.91	-0.4	0.015	2.40	0.004
		STD DEV (GEOM *)	7.6			0.11		0.008	1.81	0.010
		# SAMP IN STATISTICS	8	3		8	7	8	8	8
		% SAMP (EXCLUDED)		62						

B.O.W./ SITE: COLD CREEK. STATION ID: 17-0021-046-02
SAMPLE POINT: HIGHWAY 33 BRIDGE IN FRANKFORD
STATION TYPE: RIVER FLOW GAUGE MOE 02HK108

MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE ONTARIO 004
TERM STREAM: TRENT RIVER 1220

LAT: 44 12 03.25 LONG: 077 35 48.46 U T M: 18 0292500.0 4897250.0 4 REGION: 04 DISTANCE: 12.070

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT ALK	ASUT ARSENIC	COND25 CONDUCT.	CUUT COPPER	DO DISOLVED	FEUT IRON	FWSTRC	FWTEMP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	TOTAL MG/L AS CACO3	UNF.TOT. MG/L AS AS	25C UMHO/CM AT 25 C	UNF.TOT. MG/L AS CU	OXYGEN MG/L AS O	UNF.TOT. MG/L AS FE	STREAM COND.	WATER TEMP DEG.C
840502	1045	56302	0.30	0101	191.1	0.001<	412.0	0.025	12.00	0.140	6 9	8.5
840529	1030	56307	0.30	0101	199.8	0.001<	416.0	0.001	10.00	0.300	6 9	10.0
840703	1030	56312	0.30	0101	203.3	0.001<	423.0	0.002	11.00	0.475	5 6	23.0
840801	1105	56317	0.30	0101	189.3	0.001<	400.0	0.002	10.00	0.360	5 9	21.0
840904		56322	0.30	0101	197.7	0.001<	410.0	0.003	11.00	0.390	5 9	15.0
841002	1130	56327	0.30	0101	192.2	0.001<	400.0	0.002	13.00	0.100	5 9	10.0
841030	1030	56332	0.30	0101	208.0	0.001<	435.0	0.001	11.00	0.365	5 9	9.0
841204	1045	56337	0.30	0101	201.6	0.001<	435.0	0.002	13.00	0.470	6	1.0
		MAXIMUM	0.30		208.0		435.0	0.025	13.00	0.475		23.0
		ARITH MEAN	0.30		197.9		416.4	0.005	11.37	0.325		12.2
		GEOM MEAN			197.8		416.2	0.002	11.32	0.289		9.3
		MINIMUM	0.30		189.3		400.0	0.001	10.00	0.100		1.0
		STD DEV (GEOM *)			6.6		13.8	0.008	1.19	0.139		7.2
		# SAMP IN STATISTICS	8		8		8	8	8	8		8
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			NIUT NICKEL	PBUT LEAD	PH	PHNOL PHENOLS	PPUT PHOSPHOR	TURB	ZNUT ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS NI	UNF.TOT. MG/L AS PB	PH	UNF-REAC UG/L PHENOL	UNF.TOT. MG/L AS P	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
840502	1045	56302	0.002<	0.003	8.38		0.017	3.60	0.004
840529	1030	56307	0.002<	0.003<	8.26	0.6<T	0.032	5.35	0.003
840703	1030	56312	0.002<	0.003<	8.36	-0.4<T	0.053	7.90	0.005
840801	1105	56317	0.002<	0.003<	8.28	0.8	0.035	6.80	0.006
840904		56322	0.002<	0.005	8.35	-0.6<T	0.041	9.30	0.008
841002	1130	56327	0.002<	0.003<	8.67	0.2<W	0.011	2.40	0.009
841030	1030	56332	0.002<	0.003<	8.39	-0.6<T	0.027	9.40	0.009
841204	1045	56337	0.002<	0.003<	8.31	0.8	0.032	6.90	0.012
		MAXIMUM		0.005	8.67	0.8	0.053	9.40	0.012
		ARITH MEAN		0.004	8.37	0.1<A	0.031	6.46	0.007
		GEOM MEAN			8.37		0.028	5.91	0.006
		MINIMUM		0.003	8.26	-0.6	0.011	2.40	0.003
		STD DEV (GEOM *)			0.13		0.013	2.54	0.003
		# SAMP IN STATISTICS		2	8	7	8	8	8
		% SAMP (EXCLUDED)		75					

B.O.W./ SITE: RAWDON CREEK
SAMPLE POINT: AT HWY.NO.33 SOUTH OF STIRLING
STATION TYPE: RIVER FLOW GAUGE MOE 02HK105

STATION ID: 17-0021-047-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

LAT: 44 17 11.42 LONG: 077 33 12.85 U T M: 18 0296250.0 4906650.0 4 REGION: 04 DISTANCE: 24.783

*=INTERIM TEST-NAME:			FWSADP	FWDPTS	FGPROJ	ALKT	ASUT	COND25	CUUT	DO	FEUT	FWSTRC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	WATER DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	IRON UNF.TOT. MG/L AS FE	STREAM COND.
840502		56303	0.30	0.30	0101	195.3	0.001<	415.0		10.00	0.120	6 9
840529	1110	56308	0.30		0101	212.2	0.001<	439.0	0.002	10.00	0.195	6 9
840703	1100	56313	0.30		0101	199.6	0.001<	421.0	0.003	9.00	0.170	7 5 9
840801	1145	56318	0.30		0101	202.7	0.001<	463.0	0.002	6.00	0.085	7 5 9
840904		56323	0.30		0101	231.1	0.001<	482.0	0.003	10.00	0.245	5 9
841002	1215	56328	0.30		0101	238.6	0.001<	495.0	0.002	12.00	0.115	5 9 7
841030	1115	56333	0.30		0101	248.0	0.001<	515.0	0.002	9.00	0.185	
841204	1115	56338	0.30		0101	231.8	0.001<	490.0	0.002	12.00	0.255	6
		MAXIMUM	0.30	0.30		248.0		515.0	0.003	12.00	0.255	
		ARITH MEAN	0.30	0.30		219.9		465.0	0.002	9.75	0.171	
		GEOM MEAN				219.1		463.7	0.002	9.56	0.161	
		MINIMUM	0.30	0.30		195.3		415.0	0.002	6.00	0.085	
		STD DEV (GEOM *)				19.9		36.7	0.000	1.91	0.061	
		# SAMP IN STATISTICS	8	1		8		8	7	8	8	
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			FWTEMP	NIUT	PBUT	PH	PHNOL	PPUT	TURB	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	WATER TEMP DEG.C	NICKEL UNF.TOT. MG/L AS NI	LEAD UNF.TOT. MG/L AS PB	PH	PHENOLS UNF-REAC UG/L PHENOL	PHOSPHOR UNF.TOT. MG/L AS P	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840502		56303	9.0			8.21		0.017	2.90	
840529	1110	56308	10.0	0.002<	0.003<	8.18	0.2<W	0.017	4.85	0.004
840703	1100	56313	22.0	0.002<	0.003<	8.27	-0.4<T	0.031	2.60	0.009
840801	1145	56318	21.0	0.002<	0.003<	8.08	0.2<W	0.016	1.53	0.008
840904		56323	15.0	0.002<	0.003<	8.23	-0.6<T	0.033	4.30	0.006
841002	1215	56328	10.0	0.002<	0.003<	8.46	0.2<W	0.008	4.50	0.008
841030	1115	56333	11.0	0.002<	0.003<	8.30	-0.8<T	0.015	4.30	0.011
841204	1115	56338	1.0	0.002<	0.003<	8.24	0.4<T	0.017	4.80	0.008
		MAXIMUM	22.0			8.46	0.4	0.033	4.85	0.011
		ARITH MEAN	12.4			8.25	-0.1<A	0.019	3.72	0.008
		GEOM MEAN	9.5			8.25		0.018	3.50	0.007
		MINIMUM	1.0			8.08	-0.8	0.008	1.53	0.004
		STD DEV (GEOM *)	6.8			0.11		0.008	1.22	0.002
		# SAMP IN STATISTICS	8			8	7	8	8	7
		% SAMP (EXCLUDED)								

B.O.W./ SITE: BOW LAKE OUTLET STATION ID: 17-0021-062-02
SAMPLE POINT: AT HWY.28 SOUTH-WEST OF BANCROFT 71 3
STATION TYPE: RIVER FLOW GAUGE MOE 02HK102 MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE ONTARIO 004
TERM STREAM: TRENT RIVER 1220

LAT: 45 00 13.68 LONG: 077 56 09.90 U T M: 18 0268600.0 4987350.0 4 REGION: 04 DISTANCE: 185.391

*=INTERIM TEST-NAME:			FWSADP	FWSTRC	GACF GROSS	GACF GROSS	GACP GROSS	GACP GROSS	GBCF GROSS	GBCF GROSS	GBCP GROSS	GBCP GROSS
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	STREAM COND.	ALPHA CT FILTERED MBQ/L	ALPHA CT FILTERED BQ/L	ALPHA CT UNDISSOL MBQ/L	ALPHA CT UNDISSOL BQ/L	BETA CT FILTERED MBQ/L	BETA CT FILTERED BQ/L	BETA CT UNDISSOL MBQ/L	BETA CT UNDISSOL BQ/L
840328	1120	55486	0.30	8	930		40<		250		40<	
840430	1000	55502	0.30	6 8	1500		40		340		80	
840518	1205	55522	0.30	8	1300		40<		210		110	
840615	1135	55529	0.30	8		1.3		0.05		0.31		0.12
840720		55561	0.30	8		2.0		0.04<		0.41		0.06
840814	1300	55567	0.30	8		1.7		0.04<		0.22		0.08
840906	1305	55583	0.30	8		1.9		0.04<		0.27		0.12
841019	1155	55604	0.30	8		1.6		0.04<		0.23		0.17
841212	1150	55655	0.30	8		2.3		0.42		0.04<		0.15
		MAXIMUM	0.30		1500	2.3	40	0.42	340	0.41	110	0.17
		ARITH MEAN	0.30		1243	1.8	40	0.23	267	0.29	95	0.12
		GEOM MEAN			1219	1.8			261			0.11
		MINIMUM	0.30		930	1.3	40	0.05	210	0.22	80	0.06
		STD DEV (GEOM *)			289	0.3			67			0.04
		# SAMP IN STATISTICS	9		3	6	1	2	3	5	2	6
		% SAMP (EXCLUDED)					66	66		16	33	

*=INTERIM TEST-NAME:			RA226F	RA226F	RA226T RADIUM	UU238
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	RADIUM 226 FIL. MBQ/L	RADIUM 226 FIL. BQ/L	226 TOTAL BQ/L	URANIUM 238 UG/L
840328	1120	55486	60			12
840430	1000	55502	90			16
840518	1205	55522	110			20
840615	1135	55529		0.12		19
840720		55561			0.01<	26
840814	1300	55567		0.12		27
840906	1305	55583		0.11		26
841019	1155	55604		0.12		20
841212	1150	55655		0.12		33
		MAXIMUM	110	0.12		33
		ARITH MEAN	87	0.12		22
		GEOM MEAN	84	0.12		21
		MINIMUM	60	0.11		12
		STD DEV (GEOM *)	25	0.00		6
		# SAMP IN STATISTICS	3	5		9
		% SAMP (EXCLUDED)				

B.O.W./ SITE: BENTLEY CREEK
SAMPLE POINT: DNSTR. OF MADAWASKA MINE TAILINGS 70 1
STATION TYPE: RIVER

STATION ID: 17-0021-063-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER
STORET CODE: 02 004 1220

LAT: 45 01 27.68 LONG: 077 55 27.99 U T M: 18 0269600.0 4989600.0 4 REGION: 04 DISTANCE: 188.288

*=INTERIM TEST-NAME:			FWSADP	FWSTRC	GACF GROSS ALPHA CT FILTERED	GACF GROSS ALPHA CT FILTERED	GACP GROSS ALPHA CT UNDISSOL	GACP GROSS ALPHA CT UNDISSOL	GBCF GROSS BETA CT FILTERED	GBCF GROSS BETA CT FILTERED	GBCP GROSS BETA CT UNDISSOL	GBCP GROSS BETA CT UNDISSOL
SAMPLE DATE	HOUR	SAMPLE	SAMPLE DEPTH	STREAM								
YYMMDD	LMT	NUMBER	M	COND.	MBQ/L	BQ/L	MBQ/L	BQ/L	MBQ/L	BQ/L	MBQ/L	BQ/L
840328	1110	55485	0.30	8	620		40<		150		40<	
840430	1100	55505	0.30	6 8	300		40<		110		40<	
840518	1125	55520	0.30	8	1100		40<		190		40	
840615	1105	55527	0.30	8		2.1		0.08		0.30		0.24
840720		55559	0.30	8		2.2		0.08		0.32		0.31
840814	1230	55565	0.30	8		2.1		0.06		0.25		0.11
840906	1150	55582	0.30	8		5.0		0.07		0.46		0.26
841019	1115	55602	0.30	8		2.9		0.05		0.42		0.15
841212	140	55654	0.30	8		2.0		0.29		0.04<		0.08
		MAXIMUM	0.30		1100	5.0		0.29	190	0.46	40	0.31
		ARITH MEAN	0.30		673	2.7		0.10	150	0.35	40	0.19
		GEOM MEAN			589	2.6		0.09	146			0.17
		MINIMUM	0.30		300	2.0		0.05	110	0.25	40	0.08
		STD DEV (GEOM *)			403	1.2		0.09	40			0.09
		# SAMP IN STATISTICS	9		3	6		6	3	5	1	6
		% SAMP (EXCLUDED)								16	66	

*=INTERIM TEST-NAME:			RA226F	RA226F	UU238
SAMPLE DATE	HOUR	SAMPLE	RADIUM 226 FIL.	RADIUM 226 FIL.	URANIUM 238
YYMMDD	LMT	NUMBER	MBQ/L	BQ/L	UG/L
840328	1110	55485	40<		10
840430	1100	55505	40<		4
840518	1125	55520	40<		17
840615	1105	55527		0.04	33
840720		55559		0.06	36
840814	1230	55565		0.09	32
840906	1150	55582		0.08	78
841019	1115	55602		0.10	38
841212	1140	55654		0.03	32
		MAXIMUM		0.10	78
		ARITH MEAN		0.07	31
		GEOM MEAN		0.06	24
		MINIMUM		0.03	4
		STD DEV (GEOM *)		0.03	21
		# SAMP IN STATISTICS		6	9
		% SAMP (EXCLUDED)			

B.O.W./ SITE: BENTLEY CREEK
SAMPLE POINT: UPSTR.OF MADAWASKA MINE TAILINGS 70 2
STATION TYPE: RIVER

STATION ID: 17-0021-064-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

LAT: 45 01 20.46 LONG: 077 54 53.36 U T M: 18 0270350.0 4989350.0 4 REGION: 04 DISTANCE: 189.576

*=INTERIM TEST-NAME:		FWSADP	FWSTRC	GACF	GACF	GACP	GACP	GBCF	GBCF	GBCP	GBCP
				GROSS	GROSS	GROSS	GROSS	GROSS	GROSS	GROSS	GROSS
SAMPLE			SAMPLE		ALPHA CT	ALPHA CT	ALPHA CT	BETA CT	BETA CT	BETA CT	BETA CT
DATE	HOUR	SAMPLE	DEPTH	STREAM	FILTERED	FILTERED	UNDISSOL	UNDISSOL	FILTERED	FILTERED	UNDISSOL	UNDISSOL
YYMMDD	LMT	NUMBER	M	COND.	MBQ/L	BQ/L	MBQ/L	BQ/L	MBQ/L	BQ/L	MBQ/L	BQ/L
840328	1100	55484	0.30	8	90		40<		100		40<	
840430	1045	55504	0.30	6 8	830		40		170		40	
840518	1115	55519	0.30	8	330		40<		80		40<	
840615	1050	55526	0.30	8		1.1		0.04<		0.06		0.04<
840720	1055	55558	0.30	8		0.39		0.04<		0.11		0.05
840814	1220	55564	0.30	8		0.38		0.04<		0.10		0.04<
840906	1405	55586	0.30	8		0.66		0.04<		0.14		0.04<
841019	1100	55601	0.30	8		0.75		0.04<		0.13		0.04
841212	1115	55653	0.30	4		1.3		0.69		0.04<		0.04
		MAXIMUM	0.30		830	1.3	40	0.69	170	0.14	40	0.05
		ARITH MEAN	0.30		417	0.8	40	0.69	117	0.11	40	0.04
		GEOM MEAN			291	0.7			111			
		MINIMUM	0.30		90	0.38	40	0.69	80	0.06	40	0.04
		STD DEV (GEOM *)			378	0.4			47			
		# SAMP IN STATISTICS	9		3	6	1	1	3	5	1	3
		% SAMP (EXCLUDED)					66	83		16	66	50

*=INTERIM TEST-NAME:		RA226F	RA226F	UU238
SAMPLE			RADIUM	RADIUM	URANIUM
DATE	HOUR	SAMPLE	226 FIL.	226 FIL.	238
YYMMDD	LMT	NUMBER	MBQ/L	BQ/L	UG/L
840328	1100	55484	40<		3<
840430	1045	55504	40<		11
840518	1115	55519	40<		6
840615	1050	55526		0.01<	5
840720	1055	55558		0.01<	6
840814	1220	55564		0.01<	6
840906	1405	55586		0.01<	10
841019	1100	55601		0.01<	12
841212	1115	55653		0.02	20
		MAXIMUM		0.02	20
		ARITH MEAN		0.02	10
		GEOM MEAN			
		MINIMUM		0.02	5
		STD DEV (GEOM *)			
		# SAMP IN STATISTICS		1	8
		% SAMP (EXCLUDED)		83	11

B.O.W./ SITE: TRENT RIVER
SAMPLE POINT: NEW HIGHWAY 2 BRIDGE TRENTON
STATION TYPE: RIVER C FLOW GAUGE FED 02HK004

STATION ID: 17-0021-068-83

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

LAT: 44 06 20.34 LONG: 077 34 43.95 U T M: 18 0293600.0 4886625.0 4 REGION: 04 DISTANCE: 0.805

*=INTERIM TEST-NAME:

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	FWSADP SAMPLE DEPTH M	FWDPTS WATER DEPTH M	FGPROJ PROJECT SUB-PROJ CODE	ALKT ALK TOTAL MG/L AS CACO3	ALKTI ALK INFLECTN POINT MG/L AS CACO3	ASUT ARSENIC UNF.TOT. MG/L AS AS	CDUT CADMIUM UNF.TOT. MG/L AS CD	COND25 CONDUCT. 25C UMHO/CM AT 25 C	CRUT CHROMIUM UNF.TOT. MG/L AS CR	CUUT COPPER UNF.TOT. MG/L AS CU
840220	1045	74200	0.30		0103	106.0			0.0002<	263.0		0.001
840221	1100	74201	0.30		0103	105.7			0.0002<	261.0		0.003
840222	1010	74202	0.30		0103	106.0			0.0002<	262.0		0.002
840223	1030	74203	0.30		0103							
840224	1035	74204	0.30		0103	103.2			0.0002	260.0		0.005
840227	1045	74205	0.30		0103	104.1			0.0002	263.0		0.002
840306	1100	74206	0.30		0103	104.0			0.0002<	262.0		0.003
840307	1135	74207	0.30		0103	104.5			0.0002<	260.0		0.006
840308	1130	74208	0.30		0103	103.5			0.0002<	258.0		0.005
840309	1100	74209	0.30		0103	102.5			0.0002<	257.0		0.005
840326	1110	74210	0.30		0103	106.2			0.0002<	270.0		0.002
840327	1115	74211	0.30		0103	105.9			0.0002<	266.0		0.004
	1200	74212	0.30		0103	105.6			0.0003	266.0		0.005
840328	1100	74213	0.30		0103	105.1			0.0002<	265.0		0.005
	1200	74214	0.30		0103	105.5			0.0002<	265.0		0.003
840329	1010	74215	0.30		0103	106.3			0.0002<	270.0		0.002
	1115	74216	0.30		0103	106.4			0.0002<	270.0		0.002
840330	1015	74217	0.30		0103	107.9			0.0002	268.0		0.003
	1130	74218	0.30		0103	106.6			0.0002	268.0		0.003
	1200	74427	0.30		0103	108.4			0.0002<	275.0		0.001
840402	1045	74219	0.30		0103	107.7			0.0002<	270.0		0.002
	1200	74220	0.30		0103	107.6			0.0003	265.0		0.003
840403	1030	74221	0.30		0103	105.9			0.0002	263.0		0.002
	1130	74222	0.30		0103	105.3			0.0005	263.0		0.004
840404	0900	74223	0.30		0103	102.6			0.0002	263.0		0.003
	1130	74224	0.30		0103	104.2			0.0002	262.0		0.003
840406	1000	74225	0.30		0103	105.1			0.0002<	255.0		0.003
	1100	74226	0.30		0103	105.3			0.0002<	257.0		0.002
840409	1015	74227	0.30		0103	99.5			0.0002<	242.0		0.002
	1200	74228	0.30		0103	99.6			0.0002<	243.0		0.003
840410	1025	74229	0.30		0103	96.4			0.0002<	240.0		0.004
	1130	74230	0.30		0103	96.0			0.0002<	240.0		0.002
840411	1020	74231	0.30		0103	93.3			0.0002<	235.0		0.003
	1145	74232	0.30		0103	93.3			0.0003	235.0		0.004
840412	1030	74233	0.30		0103	92.5			0.0002	230.0		0.002
	1145	74234	0.30		0103	92.1			0.0002<	235.0		0.007
840413	1030	74235	0.30		0103	94.1			0.0002<	235.0		0.002
	1135	74236	0.30		0103	94.1			0.0002<	238.0		0.002
840417	1030	74237			0103	97.4			0.0002<	245.0		0.002
	1200	74238	0.30		0103	97.7			0.0002<	240.0		0.002

(C O N T D)

B.O.W./ SITE: TRENT RIVER STATION ID: 17-0021-068-83
SAMPLE POINT: NEW HIGHWAY 2 BRIDGE TRENTON
STATION TYPE: RIVER C FLOW GAUGE FED 02HK004 MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE ONTARIO 004
TERM STREAM: TRENT RIVER 1220

LAT: 44 06 20.34 LONG: 077 34 43.95 U T M: 18 0293600.0 4886625.0 4 REGION: 04 DISTANCE: 0.805

*=INTERIM TEST-NAME: FWSADP FWDPTS FGPROJ ALKT ALKTI ASUT CDUT COND25 CRUT CUUT

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	WATER DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ALK INFLECTN POINT MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	CADMIUM UNF.TOT. MG/L AS CD	CONDUCT. 25C UMHO/CM AT 25 C	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU
840418	1030	74239	0.30		0103	97.7			0.0002<	243.0		0.002
	1140	74240	0.30		0103	96.5			0.0002<	242.0		0.002
840419	1025	74241	0.30		0103	95.7			0.0002<	235.0		0.002
	1140	74242	0.30		0103	95.5			0.0002<	236.0		0.002
840423	1130	74243	0.30		0103	90.2			0.0002<	225.0		0.003
840424	1015	74244	0.30		0103	90.5			0.0002<	225.0		0.005
	1130	74245	0.30		0103	90.4			0.0002<	225.0		0.002
840425	1030	74246	0.30		0103	91.9			0.0002<	235.0		0.002
	1145	74247	0.30		0103	93.1			0.0002<	234.0		0.001
840426	1015	74248	0.30		0103	96.7			0.0002<	240.0		0.004
	1130	74249	0.30		0103	96.6			0.0002<	240.0		0.002
840427	1015	74250	0.30		0103	99.9			0.0002<	240.0		0.001
	1130	74251	0.30		0103	99.4			0.0002<	240.0		0.002
840430	1040	74252	0.30		0103	96.7			0.0002<	238.0		0.002
840501	1045	74253	0.30		0103	98.1			0.0002	240.0		0.002
840502	0845	56300	0.30	0.30	0101	101.8		0.001<	0.0002<		0.003	0.010
840507	1115	74254	0.30		0103	103.1			0.0002<	250.3		0.003
840514	0915	74255	0.30		0103	111.6			0.0002<	269.0		0.001
840522	1000	74256	0.30		0103	95.9			0.0002<	234.0		0.002
840528	1115	74257	0.30		0103	102.1			0.0002<	246.0		0.003
840529	0935	56305	0.30		0101	102.0		0.001<	0.0003<		0.002	0.001<
840604	1015	74258	0.30		0103	101.5			0.0002<	247.0		0.001
840611	1100	74259	0.30		0103	104.0			0.0002<	249.0		0.002
840618	1045	74260	0.30		0103	100.9			0.0002<	244.0		0.003
840625	1115	74261	0.30		0103	100.9			0.0002<	244.0		0.002
840628	1030	74262	0.30		0103	109.6			0.0002<	258.0		0.002
840703	0930	56310	0.30		0101	107.6		0.001<	0.0002<		0.001<	0.003
	1040	74263	0.30		0103	107.1			0.0002<	252.0		0.004
840709	1100	74264	0.30		0103	108.1			0.0002<	257.0		0.002
840716	1115	74265	0.30		0103	104.0			0.0002<	247.0		0.002
840723	1045	74266	0.30		0103	104.0			0.0002<	245.0		0.002
840801		56315	0.30		0101	98.3		0.001<	0.0002<		0.003	0.003
840808	1045	74267	0.30		0103	101.7			0.0002<	242.0		0.003
840813	1040	74268	0.30		0103	97.8			0.0002<	237.0		0.004
840820	1100	74269	0.30		0103	107.0			0.0002<	255.0		0.001
840827	0945	74270	0.30		0103	108.9			0.0004	255.0		0.031
840830	1200	74271	0.30		0103	113.7	110.10		0.0002<	265.0		0.005
840904	0945	56320	0.30	0.30	0101	112.2		0.001<	0.0002<		0.002	0.002
	1150	74272	0.30		0103	111.0			0.0002	255.0		0.002
840910	1100	74273	0.30		0103	112.7			0.0002<	260.0		0.002

(C O N T D)

B.O.W./ SITE: TRENT RIVER
SAMPLE POINT: NEW HIGHWAY 2 BRIDGE TRENTON
STATION TYPE: RIVER C FLOW GAUGE FED 02HK004

STATION ID: 17-0021-068-83

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

LAT: 44 06 20.34 LONG: 077 34 43.95 U T M: 18 0293600.0 4886625.0 4 REGION: 04 DISTANCE: 0.805

M=INTERIM TEST-NAME:			FWSADP	FWDPTS	FGPROJ	ALKT	ALKTI	ASUT	CDUT	COND25	CRUT	CUUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	WATER DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ALK INFLECTN POINT MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	CADMIUM UNF.TOT. MG/L AS CD	CONDUCT. 25C UMHO/CM AT 25 C	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU
840917	1115	74274	0.30		0103	112.9			0.0002<	275.0		0.002
840924		74275	0.30		0103	116.3			0.0002<	270.0		0.002
840927	1135	74276	0.30		0103	116.9			0.0002<	270.0		0.002
841001		74277	0.30		0103	117.1			0.0002<	270.0		0.002
841002	1030	56325	0.30		0101	116.8		0.001<	0.0002<		0.001	0.002
841009	1120	74278	0.30		0103	120.4			0.0002<	280.0		0.018
841015		74279	0.30		0103	120.5			0.0002	280.0		0.001
841022	1100	74280	0.30		0103	121.7			0.0002<	285.0		0.004
841029	0945	74281	0.30		0103	122.8			0.0002	285.0		0.004
841030	0930	56330	0.30		0101	122.3		0.001<	0.0002<		0.002	0.003
841105		74282	0.30		0103	123.9			0.0002<	285.0		0.004
841127	1040	74283	0.30		0103	115.6			0.0002<	268.0		0.001
841204	0930	56335	0.30		0101	110.4		0.001<	0.0002<		0.001	0.003
		MAXIMUM	0.30	0.30		123.9	110.10		0.0005	285.0	0.003	0.031
		ARITH MEAN	0.30	0.30		104.2	110.10		0.0002	253.6	0.002	0.003
		GEOM MEAN				103.9				253.1		
		MINIMUM	0.30	0.30		90.2	110.10		0.0002	225.0	0.001	0.001
		STD DEV (GEOM M)				8.0				15.2		
		# SAMP IN STATISTICS	92	2		92	1		17	84	7	91
		% SAMP (EXCLUDED)							81		12	1

M=INTERIM TEST-NAME:			DO	FWFLOW	FWSTRC	FWTEMP	HGUT	NNOTFR	NNO2FR	NNO3FR	NNTKUR	PBUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	DISOLVED OXYGEN MG/L AS O	STREAM FLOW M3 /S	STREAM COND.	WATER TEMP DEG.C	MERCURY UNF.TOT. UG/L AS HG	NO2+NO3N FIL.REAC MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	K'DAHL N TOTAL UNF.REAC MG/L AS N	LEAD UNF.TOT. MG/L AS PB
840220	1045	74200		344.000			0.01U	0.515	0.0270	0.488		0.003<
840221	1100	74201		358.000			0.01<	0.525	0.0140	0.511		0.003<
840222	1010	74202		348.000			0.01	0.495	0.0280	0.467		0.003<
840223	1030	74203		342.000			0.01<					
840224	1035	74204		339.000			0.01<	0.490	0.0350	0.455		0.004
840227	1045	74205		338.000			0.05	0.470	0.0175	0.453		0.003<
840306	1100	74206		283.000			0.01<	0.355	0.0060	0.349		0.003<
840307	1135	74207		278.000			0.01<	0.350	0.0060	0.344		0.011
840308	1130	74208		273.000			0.01	0.330	0.0060	0.324		0.003<
840309	1100	74209		268.000			0.01	0.325	0.0060	0.319		0.004
840326	1110	74210		341.000			0.01<	0.535	0.0080	0.527		0.003<

(C O N T D)

B.O.W./ SITE: TRENT RIVER
SAMPLE POINT: NEW HIGHWAY 2 BRIDGE TRENTON
STATION TYPE: RIVER C FLOW GAUGE FED 02HK004

STATION ID: 17-0021-068-83

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

LAT: 44 06 20.34 LONG: 077 34 43.95 U T M: 18 0293600.0 4886625.0 4 REGION: 04 DISTANCE: 0.805

*=INTERIM TEST-NAME: DO FWFLOW FWSTRC FWTEMP HGUT NNOTFR NNO2FR NNO3FR NNTKUR PBUT

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	DISOLVED OXYGEN MG/L AS O	STREAM FLOW M3 /S	STREAM COND.	WATER TEMP DEG.C	MERCURY UNF.TOT. UG/L AS HG	NO2+NO3N FIL.REAC MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	K'DAHL N TOTAL UNF.REAC MG/L AS N	LEAD UNF.TOT. MG/L AS PB
840327	1115	74211		347.000			0.01<	0.525	0.0070	0.518		0.003<
	1200	74212		347.000			0.01<	0.520	0.0070	0.513		0.003<
840328	1100	74213		348.000			0.02	0.495	0.0130	0.484		0.003<
	1200	74214		348.000			0.01	0.500	0.0130	0.489		0.003
840329	1010	74215		332.000				0.545	0.0260	0.519		0.003<
	1115	74216		332.000				0.535	0.0250	0.510		0.003<
840330	1015	74217		313.000			0.01	0.535	0.0210	0.514		0.003<
	1130	74218		313.000			0.01<	0.520	0.0260	0.494		0.003<
	1200	74427		313.000			0.01<	0.525	0.0250	0.500		0.003<
840402	1045	74219		335.000			0.01	0.455	0.0070	0.448		0.003<
	1200	74220		335.000			0.01	0.450	0.0060	0.444		0.003<
840403	1030	74221		349.000			0.01	0.450	0.0130	0.437		0.003<
	1130	74222		349.000			0.01	0.450	0.0130	0.437		0.003<
840404	0900	74223		347.000			0.01	0.425	0.0050	0.420		0.003<
	1130	74224		347.000			0.01	0.425	0.0060	0.419		0.003<
840406	1000	74225		496.000			0.01<	0.550	0.0180	0.532		0.003<
	1100	74226		496.000			0.01<	0.560	0.0190	0.541		0.003<
840409	1015	74227		523.000			0.01<	0.385	0.0050	0.380		0.003<
	1200	74228		523.000			0.01<	0.370	0.0050	0.365		0.003<
840410	1025	74229		511.000			0.01	0.340	0.0060	0.334		0.003<
	1130	74230		511.000			0.01	0.330	0.0050	0.325		0.003<
840411	1020	74231		501.000			0.01	0.305	0.0060	0.299		0.004
	1145	74232		501.000			0.01	0.315	0.0060	0.309		0.005
840412	1030	74233		489.000			0.01<	0.295	0.0050	0.290		0.003
	1145	74234		489.000			0.01<	0.290	0.0050	0.285		0.006
840413	1030	74235		466.000			0.01<	0.260	0.0060	0.254		0.004
	1135	74236		466.000			0.01<	0.255	0.0060	0.249		0.003<
840417	1030	74237		511.000			0.01<	0.300	0.0040	0.296		0.003
	1200	74238		511.000			0.01<	0.295	0.0040	0.001<T		0.003<
840418	1030	74239		523.000			0.01<	0.310	0.0060	0.304		0.003<
	1140	74240		523.000			0.01<	0.330	0.0070	0.323		0.003<
840419	1025	74241		510.000			0.01<	0.275	0.0060	0.269		0.003<
	1140	74242		510.000			0.01<	0.280	0.0070	0.271		0.003<
840423	1130	74243		468.000			0.01<	0.200	0.0040	0.196		0.003
840424	1015	74244		464.000			0.01	0.250	0.0100	0.240		0.003<
	1130	74245		464.000			0.01	0.230	0.0090	0.221		0.003<
840425	1030	74246		470.000			0.01<	0.225	0.0050	0.220		0.003<
	1145	74247		470.000			0.01<	0.230	0.0050	0.225		0.003<
840426	1015	74248		405.000			0.01<	0.230	0.0050	0.225		0.003<
	1130	74249		405.000			0.01<	0.225	0.0040	0.221		0.003<

(C O N T D)

B.O.W./ SITE: TRENT RIVER
SAMPLE POINT: NEW HIGHWAY 2 BRIDGE TRENTON
STATION TYPE: RIVER C FLOW GAUGE FED 02HK004

STATION ID: 17-0021-068-83

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

LAT: 44 06 20.34 LONG: 077 34 43.95 U T M: 18 0293600.0 4886625.0 4 REGION: 04 DISTANCE: 0.805

*=INTERIM TEST-NAME: DO FWFLOW FWSTRC FWTEMP HGUT NNOTFR NNO2FR NNO3FR NNTKUR PBUT

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	DISOLVED OXYGEN MG/L AS O	STREAM FLOW M3 /S	STREAM COND.	WATER TEMP DEG.C	MERCURY UNF.TOT. UG/L AS HG	NO2+NO3N FIL.REAC MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	K'DAHL N TOTAL UNF.REAC MG/L AS N	LEAD UNF.TOT. MG/L AS PB
840427	1015	74250		328.000			0.01<	0.205	0.0060	0.199		0.003<
	1130	74251		328.000			0.01<	0.200	0.0060	0.194		0.003<
840430	1040	74252		260.000			0.01<	0.170	0.0050	0.165		0.003<
840501	1045	74253		148.000			0.01<	0.165<T	0.0060	0.159<T		0.003<
840502	0845	56300	11.00	96.200	6 9	8.0	0.03	0.220	0.0120	0.208	0.470	0.003<
840507	1115	74254		97.200			0.01<	0.105	0.0040	0.101		0.003<
840514	0915	74255		312.000			0.01	0.065	0.0040	0.061		0.003<
840522	1000	74256		263.000			0.01<	0.020	0.0035			0.003<
840528	1115	74257		136.000			0.01<	0.020	0.0020			0.003<
840529	0935	56305	10.00	199.000	6 9	14.0	0.07	0.035	0.0045		0.540	0.003<
840604	1015	74258		130.000			0.01<	0.040	0.0055			0.003<
840611	1100	74259		46.600			0.01<	0.040	0.0040			0.003<
840618	1045	74260		24.000			0.01<	0.055	0.0055			0.003<
840625	1115	74261		50.900			0.01<	0.065	0.0060			0.003<
840628	1030	74262		47.400				0.095	0.0070			0.003<
840703	0930	56310	8.00	26.000	5 6	24.0	0.05	0.015	0.0035		0.680	0.003<
	1040	74263		26.000			0.01<	0.002	0.0020			0.003<
840709	1100	74264		27.700			0.01<	0.080	0.0025			0.003<
840716	1115	74265		39.400			0.01<	0.030	0.0025			0.003<
840723	1045	74266		46.400			0.01<	0.015	0.0020			0.003<
840801		56315	9.00	23.800	5 9	24.0	0.02	0.025	0.0030		0.820	0.007
840808	1045	74267		32.900			0.04	0.020	0.0035			0.003<
840813	1040	74268		62.700				0.040	0.0055			0.003<
840820	1100	74269		55.900			0.01	0.085	0.0075			0.003
840827	0945	74270		30.800			0.02	0.045	0.0045			0.011
840830	1200	74271		59.500			0.01<	0.020	0.0035			0.003<
840904	0945	56320	9.00	86.400	5 9	18.0	0.06	0.040	0.0025		0.720	0.003<
	1150	74272		86.400			0.01<	0.045	0.0045			0.004
840910	1100	74273		74.300			0.01<	0.005<T	0.0020			0.004
840917	1115	74274		92.100			0.01<	0.020	0.0035			0.003<
840924		74275		51.300			0.01<	0.005<T	0.0035			0.003<
840927	1135	74276		49.500			0.01<	0.040	0.0040			0.003<
841001		74277		54.600			0.01<	0.035	0.0045			0.003<
841002	1030	56325	10.00	46.200	5 9	13.0	0.06	0.060	0.0045		0.650	0.003<
841009	1120	74278		31.400			0.01<	0.100	0.0070			0.003
841015		74279		42.200			0.01<	0.090	0.0045			0.003<
841022	1100	74280		58.700			0.01<	0.095	0.0060			0.003
841029	0945	74281		56.000			0.01	0.135	0.0070			0.003<
841030	0930	56330	10.00	52.600	5 9	11.0	0.06	0.135	0.0080		0.500	0.003<
841105		74282		50.200			0.01<	0.135	0.0060			0.003<

(C O N T D)

B.O.W./ SITE: TRENT RIVER
SAMPLE POINT: NEW HIGHWAY 2 BRIDGE TRENTON
STATION TYPE: RIVER C FLOW GAUGE FED 02HK004

STATION ID: 17-0021-068-83

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

LAT: 44 06 20.34 LONG: 077 34 43.95 U T M: 18 0293600.0 4886625.0 4 REGION: 04 DISTANCE: 0.805

*=INTERIM TEST-NAME:			DO	FWFLOW	FWSTRC	FWTEMP	HGUT	NNOTFR	NNO2FR	NNO3FR	NNTKUR	PBUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	DISOLVED OXYGEN MG/L AS O	STREAM FLOW M3 /S	STREAM COND.	WATER TEMP DEG.C	MERCURY UNF.TOT. UG/L AS HG	NO2+NO3N FIL.REAC MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	K'DAHL N TOTAL UNF.REAC MG/L AS N	LEAD UNF.TOT. MG/L AS PB
841127	1040	74283		149.000			0.01<	0.075	0.0035			0.003<
841204	0930	56335	10.00	87.300	6	2.0	0.05	0.120	0.0055		0.440	0.003<
		MAXIMUM	11.00	523.000		24.0	0.07	0.560	0.0350	0.541	0.820	0.011
		ARITH MEAN	9.62	266.006		14.2	0.02	0.243<A	0.0080	0.345<A	0.602	0.005
		GEOM MEAN	9.59	181.266		11.6		0.145<A	0.0063	0.292<A	0.589	
		MINIMUM	8.00	23.800		2.0	0.01	0.002	0.0020	0.001	0.440	0.003
		STD DEV (GEOM *)	0.92	178.133		7.6		0.183<A	0.0068	0.135<A	0.135	
		# SAMP IN STATISTICS	8	93		8	33	92	92	57	8	18
		% SAMP (EXCLUDED)					62					80

*=INTERIM TEST-NAME:			PH	PPO4FR	PPUT	P1ALDR	P1BHCA	P1BHCB	P1BHCG	P1CHLA	P1CHLG	P1DIEL
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PH	PO4 FIL.REAC MG/L AS P	PHOSPHOR UNF.TOT. MG/L AS P	ALDRIN NG/L	BHC ALPHA NG/L	BHC BETA NG/L	BHC GAMMA NG/L	CHLRDANE ALPHA NG/L	CHLRDANE GAMMA NG/L	DIELDRIN NG/L
840220	1045	74200	7.89	0.0080	0.030							
840221	1100	74201	7.80	0.0060	0.042							
840222	1010	74202	7.91	0.0060	0.026							
840224	1035	74204	7.84	0.0060	0.027							
840227	1045	74205	7.96	0.0050	0.025							
840306	1100	74206	7.88	0.0020<T	0.017							
840307	1135	74207	7.88	0.0010<T	0.016							
840308	1130	74208	7.91	0.0020	0.011							
840309	1100	74209	7.92	0.0020	0.010							
840326	1110	74210	7.99	0.0080	0.020							
840327	1115	74211	7.83	0.0010<T	0.032							
	1200	74212	7.88	0.0010<T	0.042							
840328	1100	74213	7.98	0.0040	0.025							
	1200	74214	7.92	0.0040	0.019							
840329	1010	74215	8.00	0.0040	0.026							
	1115	74216	8.02	0.0030	0.030							
840330	1015	74217	7.88	0.0030	0.025							
	1130	74218	7.90	0.0030	0.027							
	1200	74427	7.96	0.0030	0.036	1<W	1<W	1<W	1<W	2<W	2<W	2<W
840402	1045	74219	7.88	0.0020<T	0.015							
	1200	74220	7.93	0.0010<T	0.023							
840403	1030	74221	8.06	0.0020<T	0.017							
	1130	74222	8.00	0.0020<T	0.017							

(C O N T D)

B.O.W./ SITE: TRENT RIVER
SAMPLE POINT: NEW HIGHWAY 2 BRIDGE TRENTON
STATION TYPE: RIVER C FLOW GAUGE FED 02HK004

STATION ID: 17-0021-068-83

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

LAT: 44 06 20.34 LONG: 077 34 43.95 U T M: 18 0293600.0 4886625.0 4 REGION: 04 DISTANCE: 0.805

*=INTERIM TEST-NAME:			PH	PPO4FR PO4 FIL.REAC	PPUT PHOSPHOR UNF.TOT.	P1ALDR	P1BHCA BHC	P1BHCB BHC	P1BHCG BHC	P1CHLA CHLRDANE	P1CHLG CHLRDANE	P1DIEL
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PH	MG/L AS P	MG/L AS P	ALDRIN NG/L	ALPHA NG/L	BETA NG/L	GAMMA NG/L	ALPHA NG/L	GAMMA NG/L	DIELDRIN NG/L
840404	0900	74223	8.04	0.0010<T	0.017							
	1130	74224	8.04	0.0020<T	0.030							
840406	1000	74225	7.88	0.0100	0.025							
	1100	74226	7.90	0.0080	0.028							
840409	1015	74227	7.02	0.0020<T	0.023							
	1200	74228	8.08	0.0010<T	0.025							
840410	1025	74229	7.95	0.0040	0.025							
	1130	74230	7.89	0.0030	0.019							
840411	1020	74231	7.90	0.0020<T	0.022							
	1145	74232	8.14	0.0020<T	0.024							
840412	1030	74233	7.95	0.0010<T	0.023							
	1145	74234	8.01	0.0010<T	0.017							
840413	1030	74235	7.96	0.0010<T	0.029							
	1135	74236	7.99	0.0010<T	0.022							
840417	1030	74237	8.26	0.0020	0.035							
	1200	74238	8.24		0.022							
840418	1030	74239	8.21	0.0010<T	0.022							
	1140	74240	7.97	0.0020<T	0.023							
840419	1025	74241	7.95	0.0020<T	0.019							
	1140	74242	7.95	0.0020<T	0.019							
840423	1130	74243	8.06	0.0005<T	0.025							
840424	1015	74244	7.97	0.0010<T	0.027							
	1130	74245	8.00	0.0010<T	0.022							
840425	1030	74246	8.03	0.0010<T	0.025							
	1145	74247	8.02	0.0010<T	0.016							
840426	1015	74248	8.10	0.0010<T	0.016							
	1130	74249	8.09	0.0010<T	0.020							
840427	1015	74250	8.00	0.0020<T	0.020							
	1130	74251	8.00	0.0010<T	0.024							
840430	1040	74252	8.00	0.0010<T	0.020							
840501	1045	74253	7.98	0.0020<T	0.037							
840502	0845	56300	7.97	0.0020<T	0.034							
840507	1115	74254	7.95	0.0010	0.024							
840514	0915	74255	8.12	0.0010<T	0.063							
840522	1000	74256	8.32	0.0025<T	0.022							
840528	1115	74257	8.05	0.0035	0.022							
840529	0935	56305	8.17	0.0070	0.028							
840604	1015	74258	8.18	0.0005<N	0.022							
840611	1100	74259	8.08	0.0025<T	0.024							
840618	1045	74260	7.83	0.0055	0.030							
840625	1115	74261	8.04	0.0055	0.029							

(CONTD)

B.O.W./ SITE: TRENT RIVER
SAMPLE POINT: NEW HIGHWAY 2 BRIDGE TRENTON
STATION TYPE: RIVER C FLOW GAUGE FED 02HK004

STATION ID: 17-0021-068-83

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

LAT: 44 06 20.34 LONG: 077 34 43.95 U T M: 18 0293600.0 4886625.0 4 REGION: 04 DISTANCE: 0.805

*=INTERIM TEST-NAME:			PH	PPO4FR PO4 FIL.REAC	PPUT PHOSPHOR UNF.TOT.	P1ALDR	P1BHCA	P1BHCB	P1BHCG	P1CHLA	P1CHLG	P1DIEL
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PH	MG/L AS P	MG/L AS P	ALDRIN NG/L	BHC ALPHA NG/L	BHC BETA NG/L	BHC GAMMA NG/L	CHLRDANE ALPHA NG/L	CHLRDANE GAMMA NG/L	DIELDRIN NG/L
840628	1030	74262	7.86	0.0075	0.043							
840703	0930	56310	8.10	0.0035	0.034							
	1040	74263	8.02	0.0005<W	0.032							
840709	1100	74264	8.00	0.0060	0.030							
840716	1115	74265	7.88	0.0040	0.036							
840723	1045	74266	8.24	0.0015<T	0.039							
840801		56315	7.93	0.0020<T	0.039							
840808	1045	74267	7.94	0.0020<T	0.040							
840813	1040	74268	7.78	0.0035	0.045							
840820	1100	74269	8.14	0.0025<T	0.041							
840827	0945	74270	8.00	0.0015<T	0.034							
840830	1200	74271	7.93	0.0020<T	0.034							
840904	0945	56320	8.21	0.0010<T	0.044							
	1150	74272	7.81	0.0040	0.039							
840910	1100	74273	8.08	0.0020<T	0.039							
840917	1115	74274	7.87	0.0015<T	0.060							
840924		74275	7.99	0.0015<T	0.032							
840927	1135	74276	8.14	0.0005<W	0.033							
841001		74277	8.10	0.0015<T	0.037							
841002	1030	56325	8.29	0.0010<T	0.028							
841009	1120	74278	8.13	0.0020<T	0.024							
841015		74279	8.02	0.0005<W	0.022							
841022	1100	74280	8.04	0.0025<T	0.025							
841029	0945	74281	8.12	0.0020<T	0.036							
841030	0930	56330	8.06	0.0020<T	0.028							
841105		74282	7.98	0.0025<T	0.027							
841127	1040	74283	8.13	0.0005<W	0.016							
841204	0930	56335	8.21	0.0005<W	0.013							
	MAXIMUM		8.32	0.0100	0.063	1	1	1	1	2	2	2
	ARITH MEAN		7.99	0.0026<A	0.027	1<A	1<A	1<A	1<A	2<A	2<A	2<A
	GEOM MEAN		7.99	0.0019<A	0.026							
	MINIMUM		7.02	0.0005	0.010	1	1	1	1	2	2	2
STD DEV (GEOM *)			0.16	0.0020<A	0.009							
# SAMP IN STATISTICS			92	91	92	1	1	1	1	1	1	1
% SAMP (EXCLUDED)												

(C O N T D)

B.O.W./ SITE: TRENT RIVER
SAMPLE POINT: NEW HIGHWAY 2 BRIDGE TRENTON
STATION TYPE: RIVER C FLOW GAUGE FED 02HK004

STATION ID: 17-0021-068-83

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02 004 1220

LAT: 44 06 20.34 LONG: 077 34 43.95 U T M: 18 0293600.0 4886625.0 4 REGION: 04 DISTANCE: 0.805

*=INTERIM TEST-NAME:			P1DHDT	P1ENDR	P1ENDS	P1END1	P1END2	P1HEPE	P1HEPT	P1MIRX	P1OCHL	P1OPDT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	DHDT MTHXYLLR NG/L	ENDRIN NG/L	ENDOSULP SULPHATE NG/L	ENDOSULP I NG/L	ENDOSULP II NG/L	HEPTA CHLOR EPOXIDE NG/L	HEPACHOR NG/L	MIREX NG/L	OXCHLANE NG/L	OP-DDT NG/L
840330	1200	74427	5<W	4<W	4<W	2<W	4<W	1<W	1<W	5<W	2<W	5<W
		MAXIMUM	5	4	4	2	4	1	1	5	2	5
		ARITH MEAN	5<A	4<A	4<A	2<A	4<A	1<A	1<A	5<A	2<A	5<A
		GEOM MEAN										
		MINIMUM	5	4	4	2	4	1	1	5	2	5
		STD DEV (GEOM *)										
		# SAMP IN STATISTICS	1	1	1	1	1	1	1	1	1	1
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			P1PCBT	P1PPDD	P1PPDE	P1PPDT	RSF	RSP	X2HCB	ZNUT	
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PCB TOTAL NG/L	PP-DDD NG/L	PP-DDE NG/L	PP-DDT NG/L	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L	HCB NG/L	ZINC UNF.TOT. MG/L AS ZN	
840220	1045	74200						8.260			
840221	1100	74201						83.200			
840222	1010	74202						8.320			
840224	1035	74204						7.300			
840227	1045	74205						5.520			
840306	1100	74206						4.210			
840307	1135	74207						2.860			
840308	1130	74208						9.600			
840309	1100	74209						13.700			
840326	1110	74210						8.080			
840327	1115	74211						6.480			
	1200	74212						8.320			
840328	1100	74213						11.700			
	1200	74214						9.140			
840329	1010	74215						9.680			
	1115	74216						9.480			
840330	1015	74217						10.300			
	1130	74218						12.600			
	1200	74427	20<W	5<W	1<W	5<W		12.600	1<W		
840402	1045	74219						5.720			
	1200	74220						4.880			
840403	1030	74221						8.150			
	1130	74222						15.900			
840404	0900	74223						4.860			
	1130	74224						4.630			

(C O N T D)

B.O.W./ SITE: TRENT RIVER
SAMPLE POINT: NEW HIGHWAY 2 BRIDGE TRENTON
STATION TYPE: RIVER C FLOW GAUGE FED 02HK004

STATION ID: 17-0021-068-83

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

LAT: 44 06 20.34 LONG: 077 34 43.95 U T M: 18 0293600.0 4886625.0 4 REGION: 04 DISTANCE: 0.805

*=INTERIM TEST-NAME: P1PCBT P1PPDD P1PPDE P1PPDT RSF RSP X2HCB ZNUT

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PCB TOTAL NG/L	PP-DDD NG/L	PP-DDE NG/L	PP-DDT NG/L	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L	HCB NG/L	ZINC UNF.TOT. MG/L AS ZN
840406	1000	74225						34.600		
	1100	74226						55.800		
840409	1015	74227						14.900		
	1200	74228						10.900		
840410	1025	74229						8.800		
	1130	74230						9.590		
840411	1020	74231						7.440		
	1145	74232						9.600		
840412	1030	74233						9.380		
	1145	74234						10.700		
840413	1030	74235						7.000		
	1135	74236						6.200		
840417	1030	74237						13.400		
	1200	74238						9.800		
840418	1030	74239						11.500		
	1140	74240						12.000		
840419	1025	74241						9.970		
	1140	74242						8.790		
840423	1130	74243						7.440		
840424	1015	74244						11.800		
	1130	74245						7.950		
840425	1030	74246						14.600		
	1145	74247						14.800		
840426	1015	74248						7.770		
	1130	74249						16.200		
840427	1015	74250						5.960		
	1130	74251						6.550		
840430	1040	74252						8.200		
840501	1045	74253						15.900		
840502	0845	56300					330.0	8.200		0.003
840507	1115	74254						6.116		
840514	0915	74255						12.250		
840522	1000	74256						7.996		
840528	1115	74257						6.452		
840529	0935	56305					206.0	5.332		0.004
840604	1015	74258						22.810		
840611	1100	74259						1.076		
840618	1045	74260						3.709		
840625	1115	74261						4.810		
840628	1030	74262						5.113		
840703	0930	56310					165.1	4.576		0.002

(C O N T D)

B.O.W./ SITE: TRENT RIVER
SAMPLE POINT: NEW HIGHWAY 2 BRIDGE TRENTON
STATION TYPE: RIVER C FLOW GAUGE FED 02HK004

STATION ID: 17-0021-068-83

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

LAT: 44 06 20.34 LONG: 077 34 43.95 U T M: 18 0293600.0 4886625.0 4 REGION: 04 DISTANCE: 0.805

*=INTERIM TEST-NAME:		P1PCBT	P1PPDD	P1PPDE	P1PPDT	RSF	RSP	X2HCB	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PCB TOTAL NG/L	PP-DDD NG/L	PP-DDE NG/L	PP-DDT NG/L	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L	HCB NG/L	ZINC UNF.TOT. MG/L AS ZN
840703	1040	74263					4.409		
840709	1100	74264					4.052		
840716	1115	74265					7.176		
840723	1045	74266					7.227		
840801		56315					153.4	6.933		0.010
840808	1045	74267						6.011		
840813	1040	74268						8.253		
840820	1100	74269						9.170		
840827	0945	74270						8.209		
840830	1200	74271						6.380		
840904	0945	56320					156.0	9.044		0.009
	1150	74272						8.160		
840910	1100	74273						8.811		
840917	1115	74274						9.980		
840924		74275						5.740		
840927	1135	74276						11.350		
841001		74277						3.296		
841002	1030	56325					426.0	7.292		0.006
841009	1120	74278						3.290		
841015		74279						3.848		
841022	1100	74280						5.591		
841029	0945	74281						6.991		
841030	0930	56330					176.0	4.067		0.008
841105		74282						4.558		
841127	1040	74283						3.856		
841204	0930	56335					150.0	3.316		0.018
	MAXIMUM		20	5	1	5	426.0	83.200	1	0.018
	ARITH MEAN		20<A	5<A	1<A	5<A	220.3	9.875	1<A	0.007
	GEOM MEAN						204.2	7.967		0.006
	MINIMUM		20	5	1	5	150.0	1.076	1	0.002
	STD DEV (GEOM *)						102.2	10.217		0.005
	# SAMP IN STATISTICS		1	1	1	1	8	92	1	8
	% SAMP (EXCLUDED)									

B.O.W./ SITE: CROWE RIVER
SAMPLE POINT: AT HWY.NO.28 PAUDASH LAKE OUTLET 76 1
STATION TYPE: RIVER

STATION ID: 17-0021-089-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

LAT: 44 58 53.79 LONG: 077 58 34.22 U T M: 18 0265350.0 4985000.0 4 REGION: 04 DISTANCE: 172.034

*=INTERIM TEST-NAME:			FWSADP	FWSTRC	GACF	GACF	GACP	GACP	GBCF	GBCF	GBCP	GBCP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	STREAM COND.	GROSS ALPHA CT FILTERED MBQ/L	GROSS ALPHA CT FILTERED BQ/L	GROSS ALPHA CT UNDISSOL MBQ/L	GROSS ALPHA CT UNDISSOL BQ/L	GROSS BETA CT FILTERED MBQ/L	GROSS BETA CT FILTERED BQ/L	GROSS BETA CT UNDISSOL MBQ/L	GROSS BETA CT UNDISSOL BQ/L
840328	1130	55487	0.30	8	60		40<		50		40<	
840430	0930	55501	0.30	6 8	1700		40<		760		40<	
840518	1215	55523	0.30	8	80		40<		50		40<	
840615	1145	55530	0.30	8		0.16		0.04<		0.06		0.04
840720		55562	0.30	8		0.11		0.04<		0.07		0.04<
840814	1305	55568	0.30	8		0.30		0.04<		0.04		0.04<
840906	1400	55585	0.30	8		0.17		0.04<		0.04<		0.04<
841019	1200	55605	0.30	8		0.21		0.04<		0.05		0.04<
841212	1200	55656	0.30	8		0.16		0.05		0.04<		0.04<
		MAXIMUM	0.30		1700	0.30		0.05	760	0.07		0.04
		ARITH MEAN	0.30		613	0.18		0.05	287	0.05		0.04
		GEOM MEAN			201	0.18			124			
		MINIMUM	0.30		60	0.11		0.05	50	0.04		0.04
		STD DEV (GEOM *)			941	0.06			410			
		# SAMP IN STATISTICS	9		3	6		1	3	4		1
		% SAMP (EXCLUDED)						83		33		83

*=INTERIM TEST-NAME:			RA226F	RA226F	UU238
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	RADIUM 226 FIL. MBQ/L	RADIUM 226 FIL. BQ/L	URANIUM 238 UG/L
840328	1130	55487	40<		3<
840430	0930	55501	40<		3<
840518	1215	55523	40<		3<
840615	1145	55530		0.01<	3<
840720		55562		0.11	
840814	1305	55568		0.01<	5
840906	1400	55585		0.01<	3
841019	1200	55605		0.01<	4
841212	1200	55656		0.01<	3
		MAXIMUM		0.11	5
		ARITH MEAN		0.11	4
		GEOM MEAN			
		MINIMUM		0.11	3
		STD DEV (GEOM *)			
		# SAMP IN STATISTICS		1	4
		% SAMP (EXCLUDED)		83	50

B.O.W./ SITE: BEAVER CREEK
SAMPLE POINT: AT BRIDGE ON ROAD TO CORDOVA MINES
STATION TYPE: RIVER FLOW GAUGE FED 02HK006

STATION ID: 17-0021-095-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02 004 1220

LAT: 44 32 01.28 LONG: 077 41 51.94 U T M: 18 0285650.0 4934475.0 4 REGION: 04 DISTANCE: 78.212

*=INTERIM TEST-NAME:			FWSADP	FWDPTS	FGPROJ	ALKT	ASUT	COND25	CUUT	DO	FCMF	FEUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	WATER DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	FECAL COLIFORM MF CNT /100ML	IRON UNF.TOT. MG/L AS FE
840705	0951	59000	0.30		0101	99.4	0.001<	209.0	0.001	7.00		0.230
840814	0954	59004	0.30		0101	114.4	0.001<	242.0	0.001	4.90	20<=>	0.175
840905	0944	59008	0.30	0.30	0101	131.8	0.001	275.0	0.002	5.85		0.235
841106	0959	59012	0.30	0.30	0101	115.4	0.001<	245.0	0.002	10.80		0.135
841203	1000	59016	0.30	0.30	0101	98.4	0.001<	220.0	0.001	13.60	10<	0.230
		MAXIMUM	0.30	0.30		131.8	0.001	275.0	0.002	13.60	20	0.235
		ARITH MEAN	0.30	0.30		111.9	0.001	238.2	0.001	8.43	20	0.201
		GEOM MEAN				111.2		237.1	0.001	7.83		0.197
		MINIMUM	0.30	0.30		98.4	0.001	209.0	0.001	4.90	20	0.135
		STD DEV (GEOM *)				13.7		25.5	0.001	3.66		0.044
		# SAMP IN STATISTICS	5	3		5	1	5	5	5	1	5
		% SAMP (EXCLUDED)					80				50	

*=INTERIM TEST-NAME:			FSMF FECAL STREPCUS MF	FWFLOW STREAM FLOW	FWSTRC	FWTEMP	NIUT	PBUT	PH	PHNOL	PPUT	TCMF COLIFORM TOTAL MF
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	CNT /100ML	M3 /S	STREAM COND.	WATER TEMP DEG.C	NICKEL UNF.TOT. MG/L AS NI	LEAD UNF.TOT. MG/L AS PB	PH	PHENOLS UNF-REAC UG/L PHENOL	PHOSPHOR UNF.TOT. MG/L AS P	CNT /100ML
840705	0951	59000		0.345	6	24.0	0.002<	0.016	8.00	0.8	0.016	
840814	0954	59004	20<=>	1.900	8	24.0	0.002<	0.036	7.76		0.021	20<
840905	0944	59008		0.324	8	17.0	0.002<	0.036	7.55		0.020	
841106	0959	59012		2.100	8	7.0	0.003	0.003<	7.89		0.010	
841203	1000	59016	10<	2.660	8	2.0	0.002<	0.052	7.85		0.028	200<=>
		MAXIMUM	20	2.660		24.0	0.003	0.052	8.00	0.8	0.028	200
		ARITH MEAN	20	1.466		14.8	0.003	0.035	7.81	0.8	0.019	200
		GEOM MEAN		1.035		10.7			7.81		0.018	
		MINIMUM	20	0.324		2.0	0.003	0.016	7.55	0.8	0.010	200
		STD DEV (GEOM *)		1.070		10.0			0.17		0.007	
		# SAMP IN STATISTICS	1	5		5	1	4	5	1	5	1
		% SAMP (EXCLUDED)	50				80	20				50

(C O N T D)

B.O.W./ SITE: BEAVER CREEK STATION ID: 17-0021-095-02
SAMPLE POINT: AT BRIDGE ON ROAD TO CORDOVA MINES
STATION TYPE: RIVER FLOW GAUGE FED 02HK006 MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE ONTARIO 004
TERM STREAM: TRENT RIVER 1220

LAT: 44 32 01.28 LONG: 077 41 51.94 U T M: 18 0285650.0 4934475.0 4 REGION: 04 DISTANCE: 78.212

*=INTERIM TEST-NAME:			TCMFBK COLIFORM TOTAL MF BCKGRD	TURB	ZNUT ZINC UNF.TOT.
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	CNT /100ML	TURB'ITY FTU	MG/L AS ZN
840705	0951	59000		2.60	0.002
840814	0954	59004	48000>	10.80	0.002
840905	0944	59008		4.60	0.005
841106	0959	59012		1.09	0.009
841203	1000	59016	6400	2.40	0.008
		MAXIMUM	6400	10.80	0.009
		ARITH MEAN	6400	4.30	0.005
		GEOM MEAN		3.20	0.004
		MINIMUM	6400	1.09	0.002
		STD DEV (GEOM *)		3.85	0.003
		# SAMP IN STATISTICS	1	5	5
		% SAMP (EXCLUDED)	50		

B.O.W./ SITE: TRENT RIVER
SAMPLE POINT: AT GLEN ROSS BRIDGE
STATION TYPE: RIVER FLOW GAUGE FED 02HK004

STATION ID: 17-0021-118-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

LAT: 44 15 50.10 LONG: 077 35 49.43 U T M: 18 0292700.0 4904250.0 4 REGION: 04 DISTANCE: 23.013

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	COND25	CUUT	DO	FEUT	FWFLOW	FWPH
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	IRON UNF.TOT. MG/L AS FE	STREAM FLOW M3 /S	PH FIELD
840502	1145	56304	0.30	0101	94.4	0.001<	233.0		10.00	0.265	96.200	
840529	1130	56309	0.30	0101	98.0	0.001<	236.0	0.001	9.00	0.130	199.000	
840703	1135	56314	0.30	0101	95.9	0.001<	229.0	0.002	9.00	0.100	26.000	0.59
840801	1215	56319	0.30	0101	91.7	0.001<	224.0	0.002	9.00	0.145	23.800	
841002	1315	56329	0.30	0101	110.6	0.001<	255.0	0.011	11.00	0.125	46.200	
841030	1145	56334	0.30	0101	115.9	0.001<	270.0	0.001	9.00	0.115	52.600	
841204	1130	56339	0.30	0101	105.8	0.001<	250.0	0.001	12.00	0.100	87.300	
		MAXIMUM	0.30		115.9		270.0	0.011	12.00	0.265	199.000	0.59
		ARITH MEAN	0.30		101.8		242.4	0.003	9.86	0.140	75.871	0.59
		GEOM MEAN			101.4		242.0	0.002	9.80	0.133	59.083	
		MINIMUM	0.30		91.7		224.0	0.001	9.00	0.100	23.800	0.59
		STD DEV (GEOM *)			9.1		16.5	0.004	1.21	0.057	60.999	
		# SAMP IN STATISTICS	7		7		7	6	7	7	7	1
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			FWSTRC	FWTEMP	NIUT	PBUT	PH	PHNOL	PPUT	TURB	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	NICKEL UNF.TOT. MG/L AS NI	LEAD UNF.TOT. MG/L AS PB	PH	PHENOLS UNF-REAC UG/L PHENOL	PHOSPHOR UNF.TOT. MG/L AS P	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840502	1145	56304		8.5			8.06		0.035	6.10	
840529	1130	56309	6 9	14.0	0.002<	0.003<	8.17	0.4<T	0.029	8.50	0.005
840703	1135	56314		24.0	0.002<	0.003<	8.37	-0.2<T	0.031	3.60	0.011
840801	1215	56319	5 9	22.0	0.002<	0.003<	7.89	0.4<T	0.035	5.30	0.004
841002	1315	56329	5 9	14.0	0.002<	0.003<	8.34	0.2<W	0.045	5.60	0.010
841030	1145	56334	5 9	11.0	0.002<	0.003<	8.12	-0.2<T	0.022	4.80	0.007
841204	1130	56339	6	1.0	0.002<	0.003<	8.22	0.2<T	0.017	2.90	0.011
		MAXIMUM		24.0			8.37	0.4	0.045	8.50	0.011
		ARITH MEAN		13.5			8.17	0.1<A	0.031	5.26	0.008
		GEOM MEAN		10.0			8.17		0.029	4.99	0.007
		MINIMUM		1.0			7.89	-0.2	0.017	2.90	0.004
		STD DEV (GEOM *)		7.9			0.17		0.009	1.82	0.003
		# SAMP IN STATISTICS		7			7	6	7	7	6
		% SAMP (EXCLUDED)									

B.O.W./ SITE: MOIRA RIVER
SAMPLE POINT: FOOTBRIDGE NORTH OF HIGHWAY 2 BELLEVILLE
STATION TYPE: RIVER

STATION ID: 17-0026-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

LAT: 44 09 57.93 LONG: 077 23 13.28 U T M: 18 0309150.0 4892875.0 4 REGION: 04 DISTANCE: 1.127

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	BOD5	CDUT	CLIDUR	COND25	CRUT	CUUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	CONDUCT. 25C UMHO/CM AT 25 C	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU
840109	1340	57012	0.30	0101	106.5	0.009	0.62	0.0002<	5.77	263.0	0.001	0.005
840208		57025	0.30	0101	114.1	0.005		0.0002<		282.0	0.001	0.010
840215	1355	55471	0.30	0101		0.002						
840305	1340	57038	0.30	0101	84.0	0.004		0.0003<	5.57	215.0	0.001<	0.003
840326	1305	55483	0.30	0101		0.003						
840409	1345	57051	0.30	0101	67.0	0.004	0.87	0.0002<	3.77	170.0	0.001	0.007
840412	1415	55500	0.30	0101		0.003						
840507	1310	55518	0.30	0101		0.003						
	1335	57064	0.30	0101	91.4	0.004	0.55	0.0002<	4.88	219.0	0.001<	0.004
840604	1340	57077	0.30	0101	94.8	0.006	0.62	0.0003<	4.60	221.0	0.001<	0.006
840622	1240	55543	0.30	0101		0.006						
840709	1415	57090	0.30	0101	129.9	0.007	0.49	0.0002<	6.05	282.0	0.001	0.004
840710	1330	55556	0.30	0101		0.007						
840813	1355	58003	0.30	0101	116.2	0.010	0.96	0.0002<	6.34	261.0	0.001	0.002
840820		55581	0.30	0101		0.012						
840911	1530	55599	0.30	0101		0.011						
841009	0955	58023	0.30	0101		0.170						
	1350	58029	0.30	0101	119.8	0.010	0.89	0.0002<	7.32	270.0	0.001	0.002
841026	1400	55619	0.30	0101		0.007						
841105	1340	58042	0.30	0101	145.0	0.006	0.97	0.0002<	11.26	325.0	0.002	0.005
841127	1305	55638	0.30	0101		0.008						
841203	1405	58055	0.30	0101	118.7	0.008	0.59	0.0002<	8.34	280.0	0.002	0.004
841210	1415	55652	0.30	0101		0.007						
		MAXIMUM	0.30		145.0	0.170	0.97		11.26	325.0	0.002	0.010
		ARITH MEAN	0.30		107.9	0.014	0.73		6.39	253.5	0.001	0.005
		GEOM MEAN			105.7	0.007	0.71		6.10	249.9		0.004
		MINIMUM	0.30		67.0	0.002	0.49		3.77	170.0	0.001	0.002
		STD DEV (GEOM *)			22.2	0.034	0.19		2.16	43.1		0.002
		# SAMP IN STATISTICS	23		11	23	9		10	11	8	11
		% SAMP (EXCLUDED)									27	

(C O N T D)

B.O.W./ SITE: MOIRA RIVER
SAMPLE POINT: FOOTBRIDGE NORTH OF HIGHWAY 2 BELLEVILLE
STATION TYPE: RIVER

STATION ID: 17-0026-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

LAT: 44 09 57.93 LONG: 077 23 13.28 U T M: 18 0309150.0 4892875.0 4 REGION: 04 DISTANCE: 1.127

*=INTERIM TEST-NAME:

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	DO DISOLVED OXYGEN MG/L AS O	FEUT IRON UNF.TOT. MG/L AS FE	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	PBUT LEAD UNF.TOT. MG/L AS PB	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	PPUT PHOSPHOR UNF.TOT. MG/L AS P	RSP RESIDUE PARTIC. MG/L
840109	1340	57012	12.00	0.190	8	1.0	0.026	0.003	8.00	0.2<W	0.075	1.230
840208		57025	14.00	0.260	8	2.0	0.022	0.003<	7.86	0.2<W	0.016	6.010
840305	1340	57038	14.00	0.290	8	1.0	0.036	0.003<	8.25	-0.6<T	0.014	2.150
840326	1305	55483			3							
840409	1345	57051	14.00	0.350	3	5.0	0.026	0.003<	7.65	0.4<T	0.027	6.280
840412	1415	55500			3							
840507	1310	55518			8							
	1335	57064	12.00	0.175	8	2.0	0.046	0.003<	8.15	0.4<T	0.019	6.360
840604	1340	57077	8.00	0.170	8	17.0	0.044	0.003<	8.45		0.025	1.728
840622	1240	55543			8							
840709	1415	57090	13.00	0.095	8	22.0	0.044	0.003<	8.47	0.2<W	0.023	1.796
840710	1330	55556			8							
840813	1355	58003	11.00	0.085	8	29.0	0.098	0.003<	8.23	-0.2<T	0.022	1.714
840820		55581			8							
840911	1530	55599			8							
841009	0955	58023	10.00		8	13.0						
	1350	58029	10.00	0.065	8	14.0	0.018	0.003<	8.34	0.6<T	0.013	0.548
841026	1400	55619			8							
841105	1340	58042	12.00	0.095	8	11.0	0.016	0.003<	8.34	0.4<T	0.014	2.660
841127	1305	55638			8							
841203	1405	58055	12.00	0.155	8	6.0	0.012	0.003	8.24	0.6<T	0.014	4.292
841210	1415	55652			8							
	MAXIMUM		14.00	0.350		29.0	0.098	0.003	8.47	0.6	0.075	6.360
	ARITH MEAN		11.83	0.175		10.2	0.035	0.003	8.18	0.2<A	0.024	3.161
	GEOM MEAN		11.69	0.154		6.1	0.030		8.18		0.021	2.473
	MINIMUM		8.00	0.065		1.0	0.012	0.003	7.65	-0.6	0.013	0.548
	STD DEV (GEOM *)		1.85	0.092		9.1	0.024		0.25		0.018	2.173
	# SAMP IN STATISTICS		12	11		12	11	2	11	10	11	11
	% SAMP (EXCLUDED)							81				

(C O N T D)

B.O.W./ SITE: MOIRA RIVER STATION ID: 17-0026-001-02
SAMPLE POINT: FOOTBRIDGE NORTH OF HIGHWAY 2 BELLEVILLE
STATION TYPE: RIVER MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE ONTARIO 004
TERM STREAM: MOIRA RIVER 1090

LAT: 44 09 57.93 LONG: 077 23 13.28 U T M: 18 0309150.0 4892875.0 4 REGION: 04 DISTANCE: 1.127

*=INTERIM TEST-NAME: TURB ZNUT

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840109	1340	57012	2.20	0.007
840208		57025	4.20	0.010
840305	1340	57038	1.60	0.005
840409	1345	57051	4.40	0.006
840507	1335	57064	2.80	0.006
840604	1340	57077	3.65	0.001
840709	1415	57090	1.35	0.004
840813	1355	58003	2.40	0.001<
841009	1350	58029	1.25	0.003
841105	1340	58042	1.46	0.005
841203	1405	58055	3.40	0.004
		MAXIMUM	4.40	0.010
		ARITH MEAN	2.61	0.005
		GEOM MEAN	2.37	
		MINIMUM	1.25	0.001
		STD DEV (GEOM *)	1.16	
		# SAMP IN STATISTICS	11	10
		% SAMP (EXCLUDED)		9

B.O.W./ SITE: MOIRA RIVER
SAMPLE POINT: BRIDGE IN CANNIFTON
STATION TYPE: RIVER FLOW GAUGE FED 02HL001

STATION ID: 17-0026-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

LAT: 44 12 21.66 LONG: 077 23 37.11 U T M: 18 0308750.0 4897325.0 4 REGION: 04 DISTANCE: 6.276

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ASUT	BOD5	CDUT	CLIDUR	COND25	CRUT	CUUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CADMIUN UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	CONDUCT. 25C UMHO/CM AT 25 C	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU
840109	1325	57011	0.30	0101	108.6	0.008	0.74	0.0007	5.65	269.0	0.001	0.020
840126	1330	55458	0.30	0101		0.006						
840208	1340	57024	0.30	0101	146.0	0.005		0.0002<			0.001	0.045
840215	1340	55470	0.30	0101		0.002						
840305	1320	57037	0.30	0101	83.0	0.005		0.0002<	4.66	213.0	0.004	0.008
840326	1255	55482	0.30	0101		0.003						
840409	1320	57050	0.30	0101	70.3	0.003	0.79	0.0030<	4.00	178.0	0.010<	0.010
840412	1400	55499	0.30	0101		0.003						
840507	1235	55517	0.30	0101		0.003						
	1315	57063	0.30	0101	96.8	0.003	0.61	0.0002<	4.85	232.0	0.001<	0.002
840604	1325	57076	0.30	0101	97.9	0.006	0.76	0.0003<	4.34	227.0	0.001<	0.009
840622	1220	55542	0.30	0101		0.006						
840709	1340	57089	0.30	0101	127.6	0.008	0.65	0.0002<	4.84	274.0	0.001	0.003
840710	1310	55555	0.30	0101		0.007						
840813	1345	58002	0.30	0101	114.7	0.010	1.06	0.0002<	5.34	252.0	0.002	0.004
840820	1405	55580	0.30	0101		0.012						
840911		55598	0.30	0101		0.012						
841009	1320	58028	0.30	0101		0.013	1.08		6.48	265.0		
841026	1345	55618	0.30	0101		0.008						
841105	1320	58041	0.30	0101	148.2	0.008	1.64	0.0002<	9.83	327.0	0.002	0.005
841127	1245	55637	0.30	0101		0.008						
841203	1350	58054	0.30	0101	123.1	0.007	0.59	0.0002<	9.89	290.0	0.002	0.005
841210	1355	55651	0.30	0101		0.007						
	MAXIMUM		0.30		148.2	0.013	1.64	0.0007	9.89	327.0	0.004	0.045
	ARITH MEAN		0.30		111.6	0.007	0.88	0.0007	5.99	252.7	0.002	0.011
	GEOM MEAN				108.9	0.006	0.83		5.70	249.4		0.007
	MINIMUM		0.30		70.3	0.002	0.59	0.0007	4.00	178.0	0.001	0.002
STD DEV (GEOM *)					25.5	0.003	0.34		2.16	42.2		0.013
# SAMP IN STATISTICS			23		10	23	9	1	10	10	7	10
% SAMP (EXCLUDED)								90			30	

(C O N T D)

B.O.W./ SITE: MOIRA RIVER
SAMPLE POINT: BRIDGE IN CANNIFTON
STATION TYPE: RIVER FLOW GAUGE FED 02HL001

STATION ID: 17-0026-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

LAT: 44 12 21.66 LONG: 077 23 37.11 U T M: 18 0308750.0 4897325.0 4 REGION: 04 DISTANCE: 6.276

*=INTERIM TEST-NAME:

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	DO DISOLVED OXYGEN MG/L AS O	FWFLOW STREAM FLOW M3 /S	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	HGUT MERCURY UNF.TOT. UG/L AS HG	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL UNF.REAC MG/L AS N
840109	1325	57011	12.00	23.800	4	1.0	0.03U	0.026	0.270	0.0095	0.260	0.550
840126	1330	55458		16.700								
840208	1340	57024	13.00	16.200	8	2.0	0.09U		0.345	0.0150	0.330	0.590
840215	1340	55470		72.900								
840305	1320	57037	13.00	86.200	8	1.0	0.12	0.038	0.310	0.0120	0.298	0.410
840326	1255	55482		79.300	3							
840409	1320	57050	14.00	247.000	3	5.0	0.11	0.026	0.250	0.0080	0.242	0.460
840412	1400	55499		199.000	3							
840507	1235	55517		61.600	8							
	1315	57063	12.00	61.600	8	2.0	0.16	0.036	0.100	0.0040	0.096	0.440
840604	1325	57076	8.00	31.000	8	17.0	0.53	0.048	0.070	0.0070		0.600
840622	1220	55542		6.120	8							
840709	1340	57089	12.00	9.240	8	22.0	0.17	0.072	0.055	0.0090		0.560
840710	1310	55555		8.510	8							
840813	1345	58002	10.00	7.830	8	30.0	0.57	0.036	0.050	0.0045		0.550
840820	1405	55580		11.300	8							
840911		55598		6.000	8							
841009	1320	58028	11.00	2.850	8	14.0	0.33	0.018				
841026	1345	55618		2.310	8							
841105	1320	58041	10.00	3.990	8	11.0	0.31U	0.020	0.070	0.0045		0.600
841127	1245	55637		11.900	8							
841203	1350	58054	11.00	11.200	8	6.0	0.29	0.012	0.150	0.0045		0.450
841210	1355	55651		11.200	8							
		MAXIMUM	14.00	247.000		30.0	0.57	0.072	0.345	0.0150	0.330	0.600
		ARITH MEAN	11.45	42.946		10.1	0.25	0.033	0.167	0.0078	0.245	0.521
		GEOM MEAN	11.33	18.731		5.7	0.19	0.029	0.131	0.0071	0.226	0.516
		MINIMUM	8.00	2.310		1.0	0.03	0.012	0.050	0.0040	0.096	0.410
		STD DEV (GEOM *)	1.69	63.146		9.7	0.18	0.017	0.115	0.0037	0.090	0.073
		# SAMP IN STATISTICS	11	23		11	11	10	10	10	5	10
		% SAMP (EXCLUDED)										

(C O N T D)

B.O.W./ SITE: HOIRA RIVER
SAMPLE POINT: BRIDGE IN CANNIFTON
STATION TYPE: RIVER FLOW GAUGE FED 02HL001

STATION ID: 17-0026-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: HOIRA RIVER

STORET CODE: 02
004
1090

LAT: 44 12 21.66 LONG: 077 23 37.11 U T M: 18 0308750.0 4897325.0 4 REGION: 04 DISTANCE: 6.276

*=INTERIM TEST-NAME:

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PBUT LEAD UNF.TOT. MG/L AS PB	PH PH	PPO4FR PO4 FIL.REAC MG/L AS P	PPUT PHOSPHOR UNF.TOT. MG/L AS P	RSF RESIDUE FILTERED MG/L	RSP RESIDUE PARTIC. MG/L	TURB TURB'ITY FTU	ZNUT ZINC UNF.TOT. MG/L AS ZN
840109	1325	57011	0.004	8.08	0.0020<T	0.029	176.0	1.680	2.70	0.008
840208	1340	57024	0.003<	9.35	0.0065	0.020	202.0			0.008
840305	1320	57037	0.003<	7.92	0.0030	0.010	107.0	2.230	1.66	0.001<
840409	1320	57050	0.030<	7.66	0.0050	0.024	116.0	5.640	4.70	0.034
840507	1315	57063	0.003<	8.15	0.0040	0.019	150.8	3.539	2.20	0.004
840604	1325	57076	0.003<	8.11	0.0215	0.048	147.6	2.588	3.75	0.003
840709	1340	57089	0.003<	8.38	0.0275	0.042	178.1	2.432	3.50	0.003
840813	1345	58002	0.003<	8.43	0.0125	0.029	161.2	2.048	3.70	0.003
841009	1320	58028				0.015			1.41	
841105	1320	58041	0.003<	8.41	0.0015<T	0.018	212.6	2.912	3.60	0.006
841203	1350	58054	0.003<	8.20	0.0015<T	0.016	188.5	3.110	3.30	0.009
		MAXIMUM	0.004	9.35	0.0275	0.048	212.6	5.640	4.70	0.034
		ARITH MEAN	0.004	8.27	0.0085<A	0.025	164.0	2.909	3.05	0.009
		GEOM MEAN		8.26	0.0051<A	0.022	160.4	2.741	2.87	
		MINIMUM	0.004	7.66	0.0015	0.010	107.0	1.680	1.41	0.003
		STD DEV (GEOM *)		0.45	0.0091<A	0.012	34.6	1.169	1.04	
		# SAMP IN STATISTICS	1	10	10	11	10	9	10	9
		% SAMP (EXCLUDED)	90							10

B.O.M./ SITE: MOIRA RIVER
SAMPLE POINT: AT STOCO LAKE OUTLET
STATION TYPE: RIVER

STATION ID: 17-0026-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

LAT: 44 27 30.51 LONG: 077 17 55.21 U T M: 18 0317125.0 4925150.0 4 REGION: 04 DISTANCE: 43.773

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ASUT	CLIDUR	COND25	DO	FWSTRC	FWTEMP	NNHTFR	PPUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ARSENIC UNF.TOT. MG/L AS AS	CHLORIDE UNF.REAC MG/L AS CL-	CONDUCT. 25C UMHO/CM AT 25 C	DISOLVED OXYGEN MG/L AS O	STREAM COND.	WATER TEMP DEG.C	NH3-N TOTAL FIL.REAC MG/L AS N	PHOSPHOR UNF.TOT. MG/L AS P
840109	0840	57000	0.30	0101	0.012			7.00	4	1.0		
840126	1255	55457	0.30	0101	0.011				4			
840208	0830	57013	0.30	0101	0.006			9.00	4	1.0		
840215	1310	55469	0.30	0101	0.010							
840305	0827	57026	0.30	0101	0.007	4.01	171.0	12.60	8	1.0	0.064	0.004<T
840326	1225	55481	0.30	0101	0.004				8			
840409	0830	57039	0.30	0101	0.001<			11.00	3	5.0		
840412	1325	55498	0.30	0101	0.004				3			
840507	0830	57052	0.30	0101	0.004			10.00	8	2.0		
	1205	55516	0.30	0101	0.004				8			
840604		57065	0.30	0101	0.006			8.00	9	17.0		
840622	1155	55541	0.30	0101	0.006				8			
840709	0850	57078	0.30	0101	0.010			9.00	8	22.0		
840710	1245	55554	0.30	0101	0.010				8			
840813	0830	57091	0.30	0101	0.022			7.00	5	30.0		
840820	1110	55573	0.30	0101	0.029				8			
840911	1445	55597	0.30	0101	0.025				8			
841009	0830	58017	0.30	0101	0.022			9.00	8	14.0		
841026	1315	55617	0.30	0101	0.017				8			
841105	0910	58030	0.30	0101	0.014			9.00	8	11.0		
841127	1220	55636	0.30	0101	0.011				8			
841203	0907	58043	0.30	0101	0.008			8.00	8	4.0		
841210	1315	55650	0.30	0101	0.010				8			
		MAXIMUM	0.30		0.029	4.01	171.0	12.60		30.0	0.064	0.004
		ARITH MEAN	0.30		0.011	4.01	171.0	9.05		9.8	0.064	0.004<A
		GEOM MEAN						8.92		5.2		
		MINIMUM	0.30		0.004	4.01	171.0	7.00		1.0	0.064	0.004
		STD DEV (GEOM *)						1.67		9.9		
		# SAMP IN STATISTICS	23		22	1	1	11		11	1	1
		% SAMP (EXCLUDED)			4							

B.O.W./ SITE: MOIRA RIVER
SAMPLE POINT: STOCO BRIDGE HUNGERFORD TOWNSHIP
STATION TYPE: RIVER

STATION ID: 17-0026-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

LAT: 44 27 32.95 LONG: 077 16 33.85 U T M: 18 0318925.0 4925175.0 4 REGION: 04 DISTANCE: 47.796

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ASUT	CLIDUR	COND25	DO	FWSTRC	FWTEMP	NNHTFR	PPUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ARSENIC UNF.TOT. MG/L AS AS	CHLORIDE UNF.REAC MG/L AS CL-	CONDUCT. 25C UMHO/CM AT 25 C	DISOLVED OXYGEN MG/L AS O	STREAM COND.	WATER TEMP DEG.C	NH3-N TOTAL FIL.REAC MG/L AS N	PHOSPHOR UNF.TOT. MG/L AS P
840109	0850	57001	0.30	0101	0.008			9.00	4	1.0		
840215		55468	0.30	0101	0.007							
840305	0835	57027	0.30	0101		4.66	172.0	12.00	8	1.0	0.046	0.009
840326	1220	55480	0.30	0101	0.004				8			
840409	0835	57040	0.30	0101	0.003			11.00	3	5.0		
840412	1320	55497	0.30	0101	0.004				3			
840507	0835	57053	0.30	0101	0.004			10.00	8	2.0		
	1200	55515	0.30	0101	0.004				8			
840604	0845	57066	0.30	0101	0.006			8.00	8	17.0		
840622	1150	55540	0.30	0101	0.007				8			
840709	0855	57079	0.30	0101	0.009			9.00	5	22.0		
840710	1240	55553	0.30	0101	0.009				8			
840813	0845	57092	0.30	0101	0.021			7.00		30.0		
840820	1105	55572	0.30	0101	0.029				8			
840911	1440	55596	0.30	0101	0.029				8			
841009	0835	58018	0.30	0101	0.020			9.00	8	14.0		
841026	1310	55616	0.30	0101	0.016				8			
841105	0935	58031	0.30	0101	0.014			9.00	8	11.0		
841127	1215	55635	0.30	0101	0.011				8			
841203	0910	58044	0.30	0101	0.010			11.00	8	4.0		
841210	1305	55649	0.30	0101	0.010				8			
		MAXIMUM	0.30		0.029	4.66	172.0	12.00		30.0	0.046	0.009
		ARITH MEAN	0.30		0.011	4.66	172.0	9.50		10.7	0.046	0.009
		GEOM MEAN			0.009			9.39		6.1		
		MINIMUM	0.30		0.003	4.66	172.0	7.00		1.0	0.046	0.009
		STD DEV (GEOM *)			0.008			1.51		10.0		
		# SAMP IN STATISTICS	21		20	1	1	10		10	1	1
		% SAMP (EXCLUDED)										

B.O.W./ SITE: MOIRA RIVER
SAMPLE POINT: JAMESON STREET TWEED
STATION TYPE: RIVER FLOW GAUGE FED 02HL101

STATION ID: 17-0026-006-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

LAT: 44 28 48.83 LONG: 077 18 48.76 U T M: 18 0316010.0 4927600.0 4 REGION: 04 DISTANCE: 50.210

*=INTERIM TEST-NAME:

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	FWSADP SAMPLE DEPTH M	FGPROJ PROJECT SUB-PROJ CODE	ASUT ARSENIC UNF.TOT. MG/L AS AS	CLIDUR CHLORIDE UNF.REAC MG/L AS CL-	COND25 CONDUCT. 25C UMHO/CM AT 25 C	DO DISOLVED OXYGEN MG/L AS O	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	PPUT PHOSPHOR UNF.TOT. MG/L AS P
840109	0925	57004	0.30	0101	0.014			10.00	4	1.0		
840126	1215	55455	0.30	0101	0.011							
840208	0930	57017	0.30	0101	0.009			12.00	4	2.0		
840215	1240	55465	0.30	0101	0.003							
840305	0900	57030	0.30	0101	0.001<	4.17	167.0	12.00	8	1.0	0.044	0.010
840326	1150	55478	0.30	0101	0.005				8			
840409	0908	57043	0.30	0101	0.003			13.00	3	12.0		
840412	1250	55494	0.30	0101	0.005				3			
840507	0915	57056	0.30	0101	0.005			13.00	8	2.0		
	1135	55512	0.30	0101	0.005				8			
840604	0925	57069	0.30	0101	0.007			8.00	8	16.0		
840622	1125	55537	0.30	0101	0.008				8			
840709	0925	57082	0.30	0101	0.010			11.00	8	21.0		
840710	1210	55550	0.30	0101	0.010				8			
840813	0910	57095	0.30	0101	0.008			10.00	8	29.0		
840820	1040	55569	0.30	0101	0.020				8			
840911	1420	55593	0.30	0101	0.014				8			
841009	0910	58021	0.30	0101	0.021			10.00	8	14.0		
841026	1205	55613	0.30	0101	0.011				8			
841105	0940	58034	0.30	0101	0.007			12.00	8	10.0		
841127	1150	55632	0.30	0101	0.014				8			
841203	0940	58047	0.30	0101	0.017			10.00	8	5.0		
841210	1205	55646	0.30	0101	0.012				8			
		MAXIMUM	0.30		0.021	4.17	167.0	13.00		29.0	0.044	0.010
		ARITH MEAN	0.30		0.010	4.17	167.0	11.00		10.3	0.044	0.010
		GEOM MEAN						10.90		5.9		
		MINIMUM	0.30		0.003	4.17	167.0	8.00		1.0	0.044	0.010
		STD DEV (GEOM *)						1.55		9.2		
		# SAMP IN STATISTICS	23		22	1	1	11		11	1	1
		% SAMP (EXCLUDED)			4							

B.O.W./ SITE: CLARE RIVER
SAMPLE POINT: 1ST.BRIDGE UPSTR.OF STOCO LAKE TWEED
STATION TYPE: RIVER

STATION ID: 17-0026-007-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

LAT: 44 28 53.48 LONG: 077 16 17.75 U T M: 18 0319350.0 4927650.0 4 REGION: 04 DISTANCE: 52.785

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ASUT	BOD5	CDUT	CLIDUR	COND25	CRUT	CUUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	CONDUCT. 25C UMHO/CM AT 25 C	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU
840109	0910	57002	0.30	0101	128.9	0.001<	0.59	0.0010	4.28	292.0	0.001	0.014
840126	1235	55456	0.30	0101		0.001<						
840208		57015	0.30	0101	135.8	0.001<		0.0030		308.0	0.002	
840215	1255	55467	0.30	0101		0.001<						
840409	0850	57041	0.30	0101		0.001<	0.73	0.0002<	4.18	192.0	0.001	0.008
840412	1310	55496	0.30	0101		0.001<						
840507		57054	0.30	0101		0.001<						
	1150	55514	0.30	0101		0.001<						
840604	0855	57067	0.30	0101	126.0	0.001<		0.0003<	3.40	272.0	0.001<	0.011
840622	1140	55539	0.30	0101		0.001<						
840709	0910	57080	0.30	0101	166.3	0.001	0.43<T	0.0002<	1.99	326.0	0.002	0.010
840710	1230	55552	0.30	0101		0.001						
840813	0855	57093	0.30	0101	137.7	0.001	0.86	0.0002<	3.10	282.0	0.002	0.005
840820	1100	55571	0.30	0101		0.001						
840911	1430	55595	0.30	0101		0.001						
841009	0850	58019	0.30	0101	153.9	0.002	1.04	0.0002<	4.36	322.0	0.002	0.006
841026	1300	55615	0.30	0101		0.001						
841105	0925	58032	0.30	0101	158.9	0.001	1.07	0.0020<	4.53	322.0	0.010<	0.043
841127	1205	55634	0.30	0101		0.001<						
841203	0920	58045	0.30	0101	129.8	0.001<	0.52	0.0002<	5.97	287.0	0.003	0.005
841210	1255	55648	0.30	0101		0.001<						
	MAXIMUM		0.30		166.3	0.002	1.07	0.0030	5.87	326.0	0.003	0.043
	ARITH MEAN		0.30		142.2	0.001	0.75<A	0.0020	3.96	289.2	0.002	0.013
	GEOM MEAN				141.5		0.71<A		3.80	286.1		0.010
	MINIMUM		0.30		126.0	0.001	0.43	0.0010	1.99	192.0	0.001	0.005
STD DEV (GEOM *)					15.4		0.25<A		1.15	41.3		0.013
# SAMP IN STATISTICS		21			8	8	7	2	8	9	7	8
% SAMP (EXCLUDED)						61		77			22	

(C O N T D)

B.O.W./ SITE: CLARE RIVER
SAMPLE POINT: 1ST.BRIDGE UPSTR.OF STOCO LAKE TWEED
STATION TYPE: RIVER

STATION ID: 17-0026-007-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

LAT: 44 28 53.48 LONG: 077 16 17.75 U T M: 18 0319350.0 4927650.0 4 REGION: 04 DISTANCE: 52.785

*=INTERIM TEST-NAME:			DO	FEUT	FWSTRC	FWTEMP	HGUT	NNHTFR	PBUT	PH	PHNOL	PPUT
			DISOLVED	IRON			MERCURY	NH3-N TOTAL	LEAD		PHENOLS	PHOSPHOR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	OXYGEN MG/L AS O	UNF.TOT. MG/L AS FE	STREAM COND.	WATER TEMP DEG.C	UNF.TOT. UG/L AS HG	FIL.REAC MG/L AS N	UNF.TOT. MG/L AS PB	PH	UNF-REAC UG/L PHENOL	UNF.TOT. MG/L AS P
840109	0910	57002	9.00	0.270	4	1.0		0.040	0.008	8.20	0.2<W	0.015
840126	1235	55456			4							
840208		57015	10.00	0.465	4	1.0		0.064	0.450	7.28	0.2<T	0.016
840409	0850	57041	12.00	0.205	3	5.0		0.018	0.003<	7.68	0.4<T	0.016
840412	1310	55496			3							
840507		57054	11.00		8	2.0						
	1150	55514			8							
840604	0855	57067	7.00		8	17.0		0.016	0.003<	8.27		0.021
840622	1140	55539			8							
840709	0910	57080	10.00	0.165	8	21.0			0.003<	8.15	0.2<W	0.020
840710	1230	55552			8							
840813	0855	57093	9.00	0.365	8	29.0		0.074	0.003<	7.84	0.4<T	0.029
840820	1100	55571			8							
840911	1430	55595			8							
841009	0850	58019	8.00	0.390	8	15.0		0.058	0.003<	7.78	0.2<W	0.027
841026	1300	55615			8							
841105	0925	58032	9.00	0.310	8	10.0	0.11	0.026	0.030<		0.8	0.027
841127	1205	55634			8							
841203	0920	58045	11.00	0.165	8	4.0		0.022	0.003<	8.08	0.6	0.012
841210	1255	55648			8							
		MAXIMUM	12.00	0.465		29.0	0.11	0.074	0.450	8.27	0.8	0.029
		ARITH MEAN	9.60	0.292		10.5	0.11	0.040	0.229	7.91	0.4<A	0.020
		GEOM MEAN	9.49	0.273		6.0		0.034		7.90	0.3<A	0.020
		MINIMUM	7.00	0.165		1.0	0.11	0.016	0.008	7.28	0.2	0.012
		STD DEV (GEOM *)	1.51	0.111		9.7		0.023		0.33	0.2<A	0.006
		# SAMP IN STATISTICS	10	8		10	1	8	2	8	8	9
		% SAMP (EXCLUDED)							77			

(C O N T D)

B.O.W./ SITE: CLARE RIVER
SAMPLE POINT: 1ST.BRIDGE UPSTR.OF STOCO LAKE TWEED
STATION TYPE: RIVER

STATION ID: 17-0026-007-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

LAT: 44 28 53.48 LONG: 077 16 17.75 U T M: 18 0319350.0 4927650.0 4 REGION: 04 DISTANCE: 52.785

M=INTERIM TEST-NAME:			RSP	TURB	ZNUT
					ZINC
SAMPLE			RESIDUE		UNF.TOT.
DATE	HOUR	SAMPLE	PARTIC.	TURB'ITY	MG/L
YYMMDD	LMT	NUMBER	MG/L	FTU	AS ZN
840109	0910	57002	2.380	3.10	0.020
840208		57015	1.880	4.70	7.600
840409	0850	57041	2.690	2.10	0.010
840604	0855	57067		3.45	0.007
840709	0910	57080	1.270		0.032
840813	0855	57093	1.821	3.80	0.015
841009	0850	58019	1.903	2.30	0.014
841105	0925	58032	2.487	2.60	0.010<
841203	0920	58045	2.500	2.50	0.012
		MAXIMUM	2.690	4.70	7.600
		ARITH MEAN	2.116	3.07	0.964
		GEOM MEAN	2.064	2.97	
		MINIMUM	1.270	2.10	0.007
		STD DEV (GEOM *)	0.476	0.88	
		# SAMP IN STATISTICS	8	8	8
		% SAMP (EXCLUDED)			11

B.O.W./ SITE: SULPHIDE CREEK STATION ID: 17-0026-008-02
SAMPLE POINT: UPSTREAM FROM STOCO LAKE HUNGERFORD TWP
STATION TYPE: RIVER MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE ONTARIO 004
TERM STREAM: MOIRA RIVER 1090

LAT: 44 29 51.84 LONG: 077 16 57.37 U T M: 18 0318525.0 4929475.0 4 REGION: 04 DISTANCE: 52.785

*=INTERIM TEST-NAME:

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	FWSADP SAMPLE DEPTH M	FGPROJ PROJECT SUB-PROJ CODE	ASUT ARSENIC UNF.TOT. MG/L AS AS	DO DISOLVED OXYGEN MG/L AS O	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C
840215	1245	55466	0.30	0101	0.001<			
840326	1200	55479	0.30	0101	0.001<		8	
840409	0900	57042	0.30	0101	0.001<	11.00	3	5.0
840412	1300	55495	0.30	0101	0.001<		3	
840507	0855	57055	0.30	0101	0.001<	9.00	8	2.0
	1145	55513	0.30	0101	0.001<		8	
840604	0900	57068	0.30	0101	0.001<	7.00	8	16.0
840622	1135	55536	0.30	0101	0.001<		8	
840709	0915	57081	0.30	0101	0.001<	9.00	5	22.0
840710	1225	55551	0.30	0101	0.001<		8	
840813	0905	57094	0.30	0101	0.001<	7.00	5	30.0
840820	1055	55570	0.30	0101	0.001<		8	
840911	1430	55594	0.30	0101	0.001<		8	
841009	0900	58020	0.30	0101	0.001<	8.00	8	14.0
841026	1300	55614	0.30	0101	0.001<		8	
841105	0930	58033	0.30	0101	0.001<	9.00	8	11.0
841127	1200	55633	0.30	0101	0.001<		8	
841203	0930	58046	0.30	0101	0.001<	11.00	8	2.0
841210	1240	55647	0.30	0101	0.001<		8	
		MAXIMUM	0.30			11.00		30.0
		ARITH MEAN	0.30			8.87		12.7
		GEOM MEAN				8.76		8.7
		MINIMUM	0.30			7.00		2.0
		STD DEV (GEOM *)				1.55		9.9
		# SAMP IN STATISTICS	19			8		8
		% SAMP (EXCLUDED)						

B.O.W./ SITE: SKOOTAMOTTA RIVER
SAMPLE POINT: HIGHWAY 7 NEAR ACTINOLITE
STATION TYPE: RIVER FLOW GAUGE FED 02HL004

STATION ID: 17-0026-009-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02 004 1090

LAT: 44 32 57.30 LONG: 077 19 42.11

U T M: 18 0315050.0 4935300.0 4

REGION: 04

DISTANCE: 60.671

*=INTERIM TEST-NAME: FWSADP FGPROJ ALKT ASUT BOD5 CDUT CLIDUR COND25 CRUT CUUT

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	CONDUCT. 25C UMHO/CM AT 25 C	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU
840109	1005	57005	0.30	0101	47.5	0.001<	0.84	0.0002<	1.95	79.5	0.001	0.017
840126	1200	55454	0.30	0101		0.001<						
840208	1003	57018	0.30	0101	29.6	0.001<		0.0002<			0.001	0.074
840215	1220	55464	0.30	0101		0.001<						
840305	0945	57031	0.30	0101	15.6	0.001<		0.0003<	1.61	59.7	0.001<	0.008
840409	0950	57044	0.30	0101	11.8	0.001<	1.02	0.0004	0.97	41.9	0.001	0.011
840412	1225	55473	0.30	0101		0.001<						
840507	1005	57057	0.30	0101	16.4	0.001<	0.54	0.0002<	1.46	57.4	0.001<	0.010
	1045	57060	0.30	0101		0.001<						
	1115	55511	0.30	0101		0.001<						
840604	0955	57070	0.30	0101	18.8	0.001<	0.71	0.0003<	1.15	57.0	0.001<	0.013
840622	1115	55536	0.30	0101		0.001<						
840709	1008	57083	0.30	0101	34.2	0.001<	0.45	0.0002<	2.24	87.0	0.001<	0.002
	1055	57086	0.30	0101		0.001						
840710	1200	55549	0.30	0101		0.001<						
840813	0955	57096	0.30	0101	27.8	0.001<	1.04	0.0002<	2.13	75.2	0.001<	0.003
	1055	57099	0.30	0101		0.001						
840820	1135	55574	0.30	0101		0.001<						
840911	1140	55592	0.30	0101		0.001<						
841009	0950	58022	0.30	0101	30.7	0.001<	0.86	0.0002<	2.32	83.0	0.001<	0.003
841026	1155	55612	0.30	0101		0.001<						
841105	1020	58035	0.30	0101	29.4	0.001<	0.91	0.0020<	2.08	78.0	0.010<	0.062
841127	1135	55631	0.30	0101		0.001<						
841203	1010	58048	0.30	0101	26.8	0.001<	0.77	0.0002<	2.91	80.0	0.001	0.005
841210	1155	55645	0.30	0101		0.001<						
	MAXIMUM		0.30		47.5	0.001	1.04	0.0004	2.91	87.0	0.001	0.074
	ARITH MEAN		0.30		26.2	0.001	0.79	0.0004	1.88	69.9	0.001	0.019
	GEOM MEAN				24.4		0.77		1.79	68.3		0.010
	MINIMUM		0.30		11.8	0.001	0.45	0.0004	0.97	41.9	0.001	0.002
	STD DEV (GEOM *)				10.2		0.20		0.59	14.8		0.025
# SAMP IN STATISTICS			25		11	2	9	1	10	10	4	11
% SAMP (EXCLUDED)						92		90			63	

(CONTD)

B.O.W./ SITE: SKOOTAMOTTA RIVER
SAMPLE POINT: HIGHWAY 7 NEAR ACTINOLITE
STATION TYPE: RIVER FLOW GAUGE FED 02HL004

STATION ID: 17-0026-009-02

LAT: 44 32 57.30 LONG: 077 19 42.11

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

U T M: 18 0315050.0 4935300.0 4

REGION: 04

STORET CODE: 02
004
1090

DISTANCE: 60.671

*=INTERIM TEST-NAME:

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	DO DISOLVED OXYGEN MG/L AS O	FEUT IRON UNF.TOT. MG/L AS FE	FWFLOW STREAM FLOW M3 /S	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	HGUT MERCURY UNF.TOT. UG/L AS HG	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	PBUT LEAD UNF.TOT. MG/L AS PB	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL
840109	1005	57005	11.00	0.455	5.600	4	1.0		0.080	0.003<	8.21	0.2<W
840126	1200	55454			4.010							
840208	1003	57018	14.00	0.675	3.800	4	2.0		0.154	0.003<	6.81	0.2<T
840215	1220	55464			32.400							
840305	0945	57031	12.00	0.320	19.400	8	1.0		0.068	0.003<	7.23	0.2<T
840409	0950	57044	13.00	0.450	64.700	3	5.0		0.044	0.005	6.80	0.4<T
840412	1225	55473			44.700	3						
840507	1005	57057	13.00	0.280	17.200	8	2.0		0.028	0.003<	7.13	0.2<T
	1045	57060	11.00		17.200	8	2.0					
	1115	55511			17.200	8						
840604	0955	57070	9.00		6.670	8	17.0		0.034	0.003<	7.52	
840622	1115	55536			1.140	8						
840709	1008	57083	12.00	0.455	0.782	8	21.0					
	1055	57086	10.00		0.782	9	22.0			0.003<	7.56	1.0
840710	1200	55549			0.716	8						
840813	0955	57096	10.00	0.340	0.891	8	30.0					
	1055	57099	8.00		0.891	8	30.0		0.052	0.003<	7.44	0.6<T
840820	1135	55574			0.706	8						
840911	1140	55592			0.745	8						
841009	0950	58022	10.00	0.290	0.708	8	13.0					
841026	1155	55612			0.528	8			0.028	0.003<	7.42	0.2<T
841105	1020	58035	13.00	0.415	1.910	8	9.0	0.14				
841127	1135	55631			2.480	8			0.038	0.030<	7.75	0.8
841203	1010	58048	12.00	0.335	2.220	8	4.5					
841210	1155	55645			2.580	8			0.038	0.003<	7.53	1.0
	MAXIMUM		14.00	0.675	64.700		30.0	0.14	0.154	0.005	8.21	1.0
	ARITH MEAN		11.29	0.401	9.998		11.4	0.14	0.056	0.005	7.40	0.5<A
	GEOM MEAN		11.16	0.388	3.326		6.3		0.049		7.39	0.4<A
	MINIMUM		8.00	0.280	0.528		1.0	0.14	0.028	0.005	6.80	0.2
STD DEV (GEOM *)			1.73	0.118	15.985		10.8		0.038		0.41	0.3<A
# SAMP IN STATISTICS			14	10	25		14	1	10	1	11	10
% SAMP (EXCLUDED)										90		

(CONTD.)

B.O.W./ SITE: SKOOTAMOTTA RIVER
SAMPLE POINT: HIGHWAY 7 NEAR ACTINOLITE
STATION TYPE: RIVER FLOW GAUGE FED 02HL004

STATION ID: 17-0026-009-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

LAT: 44 32 57.30 LONG: 077 19 42.11 U T M: 18 0315050.0 4935300.0 4 REGION: 04 DISTANCE: 60.671

*=INTERIM TEST-NAME:

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PPUT PHOSPHOR UNF.TOT. MG/L AS P	RSP RESIDUE PARTIC. MG/L	TURB TURB'ITY FTU	ZNUT ZINC UNF.TOT. MG/L AS ZN
840109	1005	57005	0.039	1.560	2.10	0.021
840208	1003	57018	0.016	7.030	2.70	0.032
840305	0945	57031	0.015	1.500	1.04	0.032
840409	0950	57044	0.024	4.980	3.60	0.018
840507	1005	57057	0.020	4.871	1.80	0.013
840604	0955	57070	0.020	2.506		0.007
840709	1008	57083	0.020	1.629		0.007
840813	0955	57096	0.030	0.913	2.90	0.008
841009	0950	58022	0.018	0.382	1.97	0.004
841105	1020	58035	0.021	7.365	2.40	0.010<
841203	1010	58048	0.016	3.192	2.60	0.014
		MAXIMUM	0.039	7.365	3.60	0.032
		ARITH MEAN	0.022	3.266	2.35	0.016
		GEOM MEAN	0.021	2.372	2.23	
		MINIMUM	0.015	0.382	1.04	0.004
		STD DEV (GEOM *)	0.007	2.442	0.73	
		# SAMP IN STATISTICS	11	11	9	10
		% SAMP (EXCLUDED)				9

B.O.W./ SITE: BLACK RIVER
SAMPLE POINT: HIGHWAY 7 2 MILES EAST OF ACTINOLITE
STATION TYPE: RIVER FLOW GAUGE FED 02HL003

STATION ID: 17-0026-010-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02 004 1090

LAT: 44 32 21.03 LONG: 077 22 10.19 U T M: 18 0311750.0 4934275.0 4 REGION: 04 DISTANCE: 62.763

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ASUT	CLIDUR	COND25	DO	FWFLOW	FWSTRC	FWTEMP	NNHTFR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ARSENIC UNF.TOT. MG/L AS AS	CHLORIDE UNF.REAC MG/L AS CL-	CONDUCT. 25C UMHO/CM AT 25 C	DISOLVED OXYGEN MG/L AS O	STREAM FLOW M3 /S	STREAM COND.	WATER TEMP DEG.C	NH3-N TOTAL FIL.REAC MG/L AS N
840109	1010	57006	0.30	0101	0.001<			10.00	3.820	4	1.0	
840126	1150	55453	0.30	0101	0.001<				3.200			
840208	1010	57019	0.30	0101	0.001<			8.00	2.900	4	1.0	
840215	1210	55463	0.30	0101	0.001<				15.800			
840305	1000	57032	0.30	0101	0.001<	1.92	107.1	13.00	11.900	8	1.0	0.094
840326	1130	55476	0.30	0101	0.001<				12.500	3		
840409	0952	57045	0.30	0101	0.001<			14.00	38.800	3	5.0	
840412	1215	55492	0.30	0101	0.001<				28.200	3		
840507	1010	57058	0.30	0101	0.001<			12.00	10.100	8	2.0	
	1105	55510	0.30	0101	0.001<				10.100	8		
840604	1000	57071	0.30	0101	0.001<			8.00	4.230	8	17.0	
840622	1105	55535	0.30	0101	0.001<				0.965	8		
840709	1015	57084	0.30	0101	0.001<			11.00	1.200	8	21.0	
840710	1150	55548	0.30	0101	0.001<				1.140	8		
840813	1005	57097	0.30	0101	0.001<			8.00	1.610	8	30.0	
840820	1145	55575	0.30	0101	0.001<				1.570	8		
840911	1130	55591	0.30	0101	0.001<				1.870	8		
841026	1145	55611	0.30	0101	0.001<				0.227	8		
841105	1030	58036	0.30	0101	0.001<			13.00	0.640	8	9.0	
841127	1125	55630	0.30	0101	0.001<				1.590	8		
841203	1020	58049	0.30	0101	0.001<			11.00	1.430	8	4.0	
841210	1145	55644	0.30	0101	0.001<				1.720	8		
	MAXIMUM		0.30			1.92	107.1	14.00	38.800		30.0	0.094
	ARITH MEAN		0.30			1.92	107.1	10.80	7.069		9.1	0.094
	GEOM MEAN							10.58	3.210		4.6	
	MINIMUM		0.30			1.92	107.1	8.00	0.227		1.0	0.094
STD DEV (GEOM *)								2.25	9.818		10.2	
# SAMP IN STATISTICS			22			1	1	10	22		10	1
% SAMP (EXCLUDED)												

(C O N T D)

B.O.W./ SITE: BLACK RIVER
SAMPLE POINT: HIGHWAY 7 2 MILES EAST OF ACTINOLITE
STATION TYPE: RIVER FLOW GAUGE FED 02HL003

STATION ID: 17-0026-010-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

LAT: 44 32 21.03 LONG: 077 22 10.19 U T M: 18 0311750.0 4934275.0 4 REGION: 04 DISTANCE: 62.763

*=INTERIM TEST-NAME: PPUT PHOSPHOR UNF.TOT.

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	MG/L AS P
840305	1000	57032	0.008
		MAXIMUM	0.008
		ARITH MEAN	0.008
		GEOM MEAN	
		MINIMUM	0.008
		STD DEV (GEOM *)	
		# SAMP IN STATISTICS	1
		% SAMP (EXCLUDED)	

B.O.W./ SITE: MOIRA RIVER
SAMPLE POINT: HWY 62 BRIDGE
STATION TYPE: LAKE

STATION ID: 17-0026-011-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

LAT: 44 28 42.03 LONG: 077 28 05.71 U T M: 18 0303700.0 4927750.0 4 REGION: 04 DISTANCE: 71.453

*=INTERIM TEST-NAME:

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	FWSADP SAMPLE DEPTH M	FGPROJ PROJECT SUB-PROJ CODE	ALKT ALK TOTAL MG/L AS CACO3	ASUT ARSENIC UNF.TOT. MG/L AS AS	BOD5 BOD 5 DAY TOT.DEM. MG/L AS O	CLIDUR CHLORIDE UNF.REAC MG/L AS CL-	COND25 CONDUCT. 25C UMHO/CM AT 25 C	CUUT COPPER UNF.TOT. MG/L AS CU	DO DISOLVED OXYGEN MG/L AS O	FWSTRC STREAM COND.
840109	1140	57010	0.30	0101	133.1	0.042	0.76	6.87	302.0	0.007	8.00	4
840126	1005	55450	0.30	0101		0.024						4
840208	1135	57023	0.30	0101	136.5	0.038	1.02	7.94	323.0	0.002	9.00	4
840215	1005	55459	0.30	0101		0.022						
840305	1120	57036	0.30	0101	103.0	0.013		7.24	273.0	0.004	12.00	8
840326	1010	55472	0.30	0101		0.013						8
840409	1105	57049	0.30	0101	90.1	0.018	0.76	5.27	227.0	0.022	11.00	3
840412	1025	55488	0.30	0101		0.014						3
840507	1000	55506	0.30	0101		0.019						8
	1130	57062	0.30	0101	112.1	0.021	0.64	6.11	268.0	0.005	9.00	8
840604	1130	57075	0.30	0101	124.7	0.034	0.99	5.96	257.0	0.008	8.00	8
840622	1000	55531	0.30	0101		0.065						8
840709	1130	57088	0.30	0101	134.4	0.071	0.59	7.03	302.0	0.003	11.00	8
840710	1015	55544	0.30	0101		0.062						8
840813	1135	58001	0.30	0101	126.9	0.074	2.10	7.61	290.0	0.002	8.00	5
840820	1205	55577	0.30	0101		0.120						8
840911	1020	55587	0.30	0101		0.097						8
841009	1110	58027	0.30	0101	141.1	0.057	1.69	7.82	335.0	0.003	9.00	8
841026	1015	55607	0.30	0101		0.057						8
841105	1145	58040	0.30	0101	151.9	0.051	1.15	9.51	361.0	0.039	12.00	8
841127	0955	55626	0.30	0101		0.045						8
841203	1145	58053	0.30	0101	160.2	0.039	0.51	10.81	385.0	0.005	10.00	8
841210	1025	55640	0.30	0101		0.036						8
	MAXIMUM		0.30		160.2	0.120	2.10	10.81	385.0	0.039	12.00	
	ARITH MEAN		0.30		128.5	0.045	1.02	7.47	302.1	0.009	9.73	
	GEOM MEAN				126.9	0.037	0.92	7.33	298.8	0.006	9.62	
	MINIMUM		0.30		90.1	0.013	0.51	5.27	227.0	0.002	8.00	
STD DEV (GEOM *)					20.6	0.028	0.51	1.59	46.6	0.011	1.56	
# SAMP IN STATISTICS			23		11	23	10	11	11	11	11	
% SAMP (EXCLUDED)												

(C O N T D)

B.O.W./ SITE: MOIRA RIVER
SAMPLE POINT: HWY 62 BRIDGE
STATION TYPE: LAKE

STATION ID: 17-0026-011-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

LAT: 44 28 42.03 LONG: 077 28 05.71 U T M: 18 0303700.0 4927750.0 4 REGION: 04 DISTANCE: 71.453

*=INTERIM TEST-NAME:

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	FWTEMP WATER TEMP DEG.C	HGUT MERCURY UNF.TOT. UG/L AS HG	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	PBUT LEAD UNF.TOT. MG/L AS PB	PH PH	PPUT PHOSPHOR UNF.TOT. MG/L AS P	TURB TURB'ITY FTU	ZNUT ZINC UNF.TOT. MG/L AS ZN
840109	1140	57010	1.0		0.050	0.003<	8.02	0.028	3.90	0.007
840208	1135	57023	1.0		0.046	0.003<	8.24	0.024	4.00	0.010
840305	1120	57036	1.0		0.034	0.003<	8.06	0.012	0.94	0.005
840409	1105	57049	5.0		0.034	0.003<	7.55	0.015	3.00	0.025
840507	1130	57062	2.0		0.052	0.003<	7.95	0.017	3.10	0.010
840604	1130	57075	17.0		0.044	0.003<	8.21	0.023	5.85	0.005
840709	1130	57088	22.0		0.052	0.003<	8.26	0.027	3.80	0.005
840813	1135	58001	30.0		0.088	0 003<	8.25	0.048	6.60	0.004
841009	1110	58027	14.0		0.088	0 003<	8.00	0.035	2.60	0.004
841105	1145	58040	11.0	0.10	0.024	0.030<	8.18	0.020	2.30	0.010<
841203	1145	58053	4.0		0.026	0.003<	8.14	0.016	3.10	0.016
		MAXIMUM	30.0	0.10	0.088		8.26	0.048	6.60	0.025
		ARITH MEAN	9.8	0.10	0.049		8.08	0.024	3.56	0.009
		GEOM MEAN	5.2		0.045		8.08	0.022	3.21	
		MINIMUM	1.0	0.10	0.024		7.55	0.012	0.94	0.004
		STD DEV (GEOM *)	9.9		0.022		0.21	0.010	1.58	
		# SAMP IN STATISTICS	11	1	11		11	11	11	10
		% SAMP (EXCLUDED)								9

B.O.W./ SITE: DEER CREEK
SAMPLE POINT: SEYMOUR ST., NADOC
STATION TYPE: RIVER

STATION ID: 17-0026-012-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

LAT: 44 15 37.11 LONG: 077 27 55.33 U T M: 18 0303200.0 4903525.0 4 REGION: 04 DISTANCE: 74.832

*=INTERIM TEST-NAME:		FNSAMP	FSPROJ	ALKT	ASUT	BOD5	CLIDUR	COND25	CUUT	DO	FNSTRC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CHLORIDE UNF.REAC MG/L AS CL-	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	STREAM COND.
840109	1120	57009	0.30	0101	225.5	0.001	0.39	16.13	522.0	0.007	11.00	4
840126	1020	55451	0.30	0101		0.001<						4
840208	1120	57022	0.30	0101		0.001<					12.00	4
840215	1020	55460	0.30	0101		0.001<						
840305	1035	57033	0.30	0101		0.008		7.53	237.0		12.00	8
	1105	57035	0.30	0101		0.001<		11.84	446.0		14.00	8
840326	1025	55473	0.30	0101		0.001<						3
840409	1055	57048	0.30	0101		0.001<					12.00	3
840412	1035	55489	0.30	0101		0.001<						3
840507	1010	55507	0.30	0101		0.001						8
	1120	57061	0.30	0101		0.001<					10.00	8
840604	1115	57074	0.30	0101		0.001					8.00	8
840622	1010	55532	0.30	0101		0.001<						8
840709	1120	57087	0.30	0101		0.001					11.00	8
840710	1025	55545	0.30	0101		0.001						8
840813	1125	58000	0.30	0101		0.001					10.00	8
840820	1200	55576	0.30	0101		0.002						8
840911	1030	55588	0.30	0101		0.002					9.00	8
841009	1100	58026	0.30	0101		0.001						8
841026	1020	55608	0.30	0101		0.001<					12.00	8
841105	1130	58039	0.30	0101		0.001<						8
841127	1000	55627	0.30	0101		0.001<					9.00	8
841203	1140	58052	0.30	0101		0.001<						8
841210	1035	55641	0.30	0101		0.001<						8
	MAXIMUM		0.30		225.5	0.008	0.39	16.13	522.0	0.007	14.00	
	ARITH MEAN		0.30		225.5	0.002	0.39	11.83	401.7	0.007	10.83	
	GEON MEAN							11.29	380.7		10.71	
	MINIMUM		0.30		225.5	0.001	0.39	7.53	237.0	0.007	8.00	
STD DEV (GEON *)								4.30	147.6		1.70	
# SAMP IN STATISTICS		24			1	13	1	3	3	1	12	
% SAMP (EXCLUDED)						58						

(CONTD)

B.O.W./ SITE: DEER CREEK
SAMPLE POINT: SEYMOUR ST., MADOC
STATION TYPE: RIVER

STATION ID: 17-0026-012-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

LAT: 44 18 37.11 LONG: 077 27 55.33 U T M: 18 0303200.0 4903525.0 4 REGION: 04 DISTANCE: 74.832

*=INTERIM TEST-NAME:			FWTEMP	NWATER NH3-N TOTAL	PBUT	PH	PHNOL	PPUT	TURB	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	WATER TEMP DEG.C	FIL.REAC MG/L AS N	LEAD UNF.TOT. MG/L AS PB	PH	PHENOLS UNF-REAC UG/L PHENOL	PHOSPHOR UNF.TOT. MG/L AS P	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840109	1120	57009	1.0	0.070	0.003<	8.45	0.2<M	0.021	1.60	0.012
840208	1120	57022	1.0							
840305	1035	57033	1.0	0.036				0.008	1.29	
	1105	57035	1.0	0.026				0.005	1.03	
840409	1055	57048	5.0							
840507	1120	57061	2.0							
840604	1115	57074	16.0							
840709	1120	57087	22.0							
840813	1125	58000	29.0							
841009	1100	58026	14.0							
841105	1130	58039	11.0							
841203	1140	58052	3.0							
		MAXIMUM	29.0	0.070		8.45	0.2	0.021	1.60	0.012
		ARITH MEAN	8.8	0.044		8.45	0.2<A	0.011	1.31	0.012
		GEOM MEAN	4.4	0.040				0.009	1.29	
		MINIMUM	1.0	0.026		8.45	0.2	0.005	1.03	0.012
		STD DEV (GEOM *)	9.6	0.023				0.009	0.29	
		# SAMP IN STATISTICS	12	3		1	1	3	3	1
		% SAMP (EXCLUDED)								

B.O.N./ SITE: MOIRA RIVER
SAMPLE POINT: HWY 7
STATION TYPE: RIVER FLOW GAUGE FED 02HL005

STATION ID: 17-0026-013-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

LAT: 44 29 59.12 LONG: 077 37 05.55 U T M: 18 0291850.0 4930500.0 4 REGION: 04 DISTANCE: 92.696

*=INTERIM TEST-NAME:			FWBARO	FQPROJ	ASUT	BOD5	CLIDUR	COND25	DO	FWFLOW	FWSTRC	FWTEMP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ARSENIC UNF.TOT. MG/L AS AS	BOD 5 DAY TOT.DEM. MG/L AS O	CHLORIDE UNF.REAC MG/L AS CL-	CONDUCT. 25C UMHO/CM AT 25 C	DISOLVED OXYGEN MG/L AS O	STREAM FLOW M3 /S	STREAM COND.	WATER TEMP DEG.C
840109		57007	0.30	0101	0.014	0.83	17.40	294.0	9.00	1.420	4	1.0
					0.016					0.708	4	
840126	1035	55452	0.30	0101	0.016				8.00	0.646		1.0
840208	1040	57020	0.30	0101	0.016					10.800		
840215	1140	55462	0.30	0101	0.024					8.330	8	
840326	1040	55474	0.30	0101	0.012				11.00	35.200	3	5.0
840409	1015	57046	0.30	0101	0.006					21.300	3	
840412	1050	55490	0.30	0101	0.006					6.640	8	
840507	1020	55508	0.30	0101	0.009				9.00	6.640	8	2.0
	1030	57059	0.30	0101	0.010				7.00	2.210	8	16.0
840604	1040	57072	0.30	0101	0.019					0.348	8	
840622	1020	55533	0.30	0101	0.100				11.00	0.286	8	22.0
840709	1035	57085	0.30	0101	0.098					0.269	8	
840710	1040	55546	0.30	0101	0.077				7.00	0.460	8	29.0
840813	1040	57098	0.30	0101	0.450					0.257	8	
840820	1300	55578	0.30	0101	0.120					0.194	8	
840911	1045	55589	0.30	0101	0.210				9.00	0.063	8	14.0
841009	1020	58024	0.30	0101	0.001<					0.057	8	
841026	1035	55609	0.30	0101	0.130				11.00	0.267	8	11.0
841105	1050	58037	0.30	0101	0.140					1.080	8	
841127	1015	55628	0.30	0101	0.019				12.00	0.943	8	4.0
841203	1105	58050	0.30	0101	0.021					0.977	8	
841210	1050	55642	0.30	0101	0.020							
	MAXIMUM		0.30		0.450	0.83	17.40	294.0	12.00	35.200		29.0
	ARITH MEAN		0.30		0.072	0.83	17.40	294.0	9.40	4.504		10.5
	GEON MEAN								9.25	1.043		6.0
	MINIMUM		0.30		0.006	0.83	17.40	294.0	7.00	0.057		1.0
	STD DEV (GEON *)								1.78	8.541		9.7
# SAMP IN STATISTICS			22		21	1	1	1	10	22		10
% SAMP (EXCLUDED)					4							

(CONTD)

B.O.W./ SITE: MOIRA RIVER
SAMPLE POINT: HWY 7
STATION TYPE: RIVER FLOW GAUGE FED 02HL005

STATION ID: 17-0026-013 02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

LAT: 44 29 59.12 LONG: 077 37 05.55

U T M: 18 0291850.0 4930500.0 4

REGION: 04

DISTANCE: 92.696

#=INTERIM TEST-NAME:		NNHTFR NH3-N TOTAL FIL.REAC	PPUT PHOSPHOR UNF.TOT.	TURB
SAMPLE DATE YYMMDD	HOUR LMT SAMPLE NUMBER	MG/L AS N	MG/L AS P	TURB'ITY FTU
840109	57007	0.054	0.025	2.60
MAXIMUM		0.054	0.025	2.60
ARITH MEAN		0.054	0.025	2.60
GEOM MEAN				
MINIMUM		0.054	0.025	2.60
STD DEV (GEOM *)				
# SAMP IN STATISTICS		1	1	1
% SAMP (EXCLUDED)				

B.O.W./ SITE: MOIRA RIVER
SAMPLE POINT: BRIDGE AT MALONE
STATION TYPE: RIVER

STATION ID: 17-0026-019-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

LAT: 44 33 21.05 LONG: 077 36 22.48 U T M: 18 0293000.0 4936700.0 4 REGION: 04 DISTANCE: 100.742

*=INTERIM TEST-NAME:

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	FWSADP ASUT ARSENIC UNF.TOT. MG/L AS AS	FGPROJ CLIDUR CHLORIDE UNF.REAC MG/L AS CL-	ASUT COND25 CONDUCT. 25C UMHO/CM AT 25 C	CLIDUR DO DISOLVED OXYGEN MG/L AS O	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	PPUT PHOSPHOR UNF.TOT. MG/L AS P
840109	1055	57008	0.30	0101	0.001<				4	1.0		
840208	1055	57021	0.30	0101	0.001<			11.00	4	1.0		
840215	1120	55461	0.30	0101	0.001<			12.00	8			
840305	1050	57034	0.30	0101	0.001<	7.41	229.0	13.00	8	1.0	0.034	0.008
840326	1100	55475	0.30	0101	0.001<				3	5.0		
840409	1030	57047	0.30	0101	0.001<			13.00	3			
840412	1115	55491	0.30	0101	0.001<				8			
840507	1035	55509	0.30	0101	0.001<				8	2.0		
	1045	57060	0.30	0101	0.001<			11.00	8	16.0		
840604	1050	57073	0.30	0101	0.001<			8.00	8			
840622	1035	55534	0.30	0101	0.001<				8			
840710	1055	55547	0.30	0101	0.001<				8			
840820	1315	55579	0.30	0101	0.001				8			
840911	1100	55590	0.30	0101	0.002				8			
841009	1030	58025	0.30	0101	0.001			10.00	8	14.0		
841026	1050	55610	0.30	0101	0.001				8			
841105	1105	58038	0.30	0101	0.001			10.00	8	11.0		
841127	1030	55629	0.30	0101	0.001<				8			
841211	1110	55643	0.30	0101	0.001<				8			
		MAXIMUM	0.30		0.002	7.41	229.0	13.00		16.0	0.034	0.008
		ARITH MEAN	0.30		0.001	7.41	229.0	11.00		6.4	0.034	0.008
		GEOM MEAN						10.88		3.5		
		MINIMUM	0.30		0.001	7.41	229.0	8.00		1.0	0.034	0.008
		STD DEV (GEOM *)						1.69		6.3		
		# SAMP IN STATISTICS	19		5	1	1	8		8	1	1
		% SAMP (EXCLUDED)			73							

B.O.W./ SITE: SALMON RIVER
SAMPLE POINT: DUNDAS ST., SHANNONVILLE
STATION TYPE: RIVER FLOW GAUGE FED 02HM003

STATION ID: 17-0031-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: SALMON RIVER

STORET CODE: 02
004
1000

LAT: 44 11 46.61 LONG: 077 13 47.36 U T M: 18 0321810.0 4895875.0 4 REGION: 04 DISTANCE: 2.897

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	COND25	CUUT	DO	FEUT	FWFLOW	FWSTRC	FWTEMP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	IRON UNF.TOT. MG/L AS FE	STREAM FLOW M3 /S	STREAM COND.	WATER TEMP DEG.C
840103	1435	57754	0.30	0101	9[illegible].2	237.0	0.001	15.00	0.125	13.500	8	1.0
840207	1035	57759	0.30	0101	108.7	254.0	0.002	16.00	0.145	5.490		1.0
840312	1040	57764	0.30	0101	85.1	199.0	0.001	12.00	0.265	22.800	8	1.0
840403	1030	57769	0.30	0101	100.3	224.0	0.002	15.00	0.160	27.500	8	2.0
840430	1115	57774	0.30	0101	84.2	195.0	0.002	11.00	0.195	29.800	8	10.0
840604	1010	57779	0.30	0101	96.7	211.0	0.001	10.00	0.195	10.100	8	16.0
840703	1015	57784	0.30	0101	128.3	269.0	0.001	6.00	0.280	3.790	8	24.0
840807	0930	57789	0.30	0101	122.7	262.0	0.002	9.00	0.195	0.635	8	24.0
840903	0930	57794	0.30	0101	121.0	260.0	0.002	7.00	0.230	1.400	8	18.0
841001	1050	57799	0.30	0101	149.7	320.0	0.001	9.00	0.200	0.379	8	12.0
841105	1105	56293	0.30	0101	169.7	370.0	0.002	11.00	0.255	0.758	8	8.0
841204	1135	56298	0.30	0101	163.0	350.0	0.008	12.00	0.185	1.950	8	0.5
		MAXIMUM	0.30		169.7	370.0	0.008	16.00	0.280	29.800		24.0
		ARITH MEAN	0.30		119.0	262.6	0.002	11.08	0.202	9.842		9.8
		GEOM MEAN			115.9	257.2	0.002	10.65	0.197	4.154		4.8
		MINIMUM	0.30		84.2	195.0	0.001	6.00	0.125	0.379		0.5
		STD DEV (GEOM *)			29.1	57.2	0.002	3.15	0.048	11.027		9.0
		# SAMP IN STATISTICS	12		12	12	12	12	12	12		12
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			NNHTFR	PBUT	PH	PHNOL	PPUT	RSP	TURB	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	NH3-N TOTAL FIL.REAC MG/L AS N	LEAD UNF.TOT. MG/L AS PB	PH	PHENOLS UNF-REAC UG/L PHENOL	PHOSPHOR UNF.TOT. MG/L AS P	RESIDUE PARTIC. MG/L	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840103	1435	57754	0.028	0.003<	8.03	0.2<W	0.010	2.510	3.60	0.002
840207	1035	57759	0.018	0.003<	7.99	0.2<W	0.007	1.620	2.30	0.002
840312	1040	57764	0.016	0.003	7.76	-0.2<T	0.007	2.090	2.20	0.002
840403	1030	57769	0.012	0.003<	8.00	0.2<W	0.008	2.720	2.20	0.002
840430	1115	57774	0.028	0.003<	7.97	0.8	0.013	4.600	3.70	0.003
840604	1010	57779	0.030	0.003<	8.08	1.2	0.024	3.272	4.45	0.001
840703	1015	57784	0.048	0.003<	8.05	0.2<W	0.031	5.348	4.00	0.002
840807	0930	57789	0.048	0.003<	8.13	0.2<W	0.028	6.812	2.70	0.003<
840903	0930	57794	0.038	0.003<	8.01	0.2<W	0.028	4.428	4.30	0.001<
841001	1050	57799	0.028	0.003<	8.17	0.2<T	0.017	5.680	4.60	0.001<
841105	1105	56293	0.032	0.003<	8.07	1.4	0.018	3.608	4.00	0.003
841204	1135	56298	0.030	0.006	8.26	1.6	0.014	4.352	3.90	0.009

(C O N T D)

B.O.W./ SITE: SALMON RIVER STATION ID: 17-0031-001-02
SAMPLE POINT: DUNDAS ST., SHANNONVILLE
STATION TYPE: RIVER FLOW GAUGE FED 02HM003 MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE ONTARIO 004
TERM STREAM: SALMON RIVER 1000

LAT: 44 11 46.61 LONG: 077 13 47.36 U T M: 18 0321810.0 4895875.0 4 REGION: 04 DISTANCE: 2.897

*=INTERIM TEST-NAME:		NNHTFR NH3-N TOTAL	PBUT LEAD	PH	PHNOL PHENOLS	PPUT PHOSPHOR	RSP	TURB	ZNUT ZINC
SAMPLE DATE YYMMDD	HOUR LMT SAMPLE NUMBER	FIL.REAC MG/L AS N	UNF.TOT. MG/L AS PB	PH	UNF-REAC UG/L PHENOL	UNF.TOT. MG/L AS P	RESIDUE PARTIC. MG/L	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
MAXIMUM		0.048	0.006	8.26	1.6	0.031	6.812	4.60	0.009
ARITH MEAN		0.030	0.004	8.04	0.5<A	0.017	3.920	3.50	0.003
GEOM MEAN		0.028		8.04		0.015	3.616	3.38	
MINIMUM		0.012	0.003	7.76	-0.2	0.007	1.620	2.20	0.001
STD DEV (GEOM *)		0.011		0.12		0.009	1.566	0.90	
# SAMP IN STATISTICS		12	2	12	12	12	12	12	9
% SAMP (EXCLUDED)			83						25

B.O.W./ SITE: SALMON RIVER
SAMPLE POINT: AT BRIDGE IN MILLTOWN
STATION TYPE: RIVER FLOW GAUGE FED. 02HM003

STATION ID: 17-0031-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: SALMON RIVER

STORET CODE: 02
004
1000

LAT: 44 12 26.10 LONG: 077 12 34.95 U T M: 18 0323450.0 4897050.0 4 REGION: 04 DISTANCE: 4.989

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	COND25	CUUT	DO	FEUT	FWFLOW	FWSTRC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	IRON UNF.TOT. MG/L AS FE	STREAM FLOW M3 /S	STREAM COND.
840103	1455	57753	0.30	0101	102.8	0.001<	233.0	0.003	15.00	0.685	13.500	8
840207	1045	57758	0.30	0101	108.0	0.001<	251.0	0.001	16.00	0.150	5.490	
840312	1050	57763	0.30	0101	86.2	0.001<	199.0	0.002	15.00	0.215	22.800	8
840403	1050	57768	0.30	0101	99.2	0.001<	222.0	0.001	14.00	0.140	27.500	8
840430	1130	57773	0.30	0101	83.6	0.001<	192.0	0.012	11.00	0.215	29.800	8
840604	1020	57778	0.30	0101	96.0	0.001<	209.0	0.001	10.00	0.205	10.100	8
840703	1025	57783	0.30	0101	128.8	0.001<	267.0	0.001	8.00	0.355	3.790	8
840807	0945	57788	0.30	0101	123.9	0.001<	265.0	0.002	8.00	0.235	0.635	8
840903	0945	57793	0.30	0101	119.7	0.001<	260.0	0.003	7.00	0.325	1.400	8
841001	1100	57798	0.30	0101	148.6	0.001<	320.0	0.001	9.00	0.210	0.379	8
841105	1120	56292	0.30	0101	171.5	0.001<	370.0	0.003	11.00	0.275	0.758	8
841204	1145	56297	0.30	0101	162.0	0.001<	350.0	0.002	12.00	0.170	1.950	8
		MAXIMUM	0.30		171.5		370.0	0.012	16.00	0.685	29.800	
		ARITH MEAN	0.30		119.2		261.5	0.003	11.33	0.265	9.842	
		GEOM MEAN			116.1		255.9	0.002	10.94	0.240	4.154	
		MINIMUM	0.30		83.6		192.0	0.001	7.00	0.140	0.379	
		STD DEV (GEOM *)			29.0		58.0	0.003	3.08	0.147	11.027	
		# SAMP IN STATISTICS	12		12		12	12	12	12	12	
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			FWTEMP	NIUT	PBUT	PH	PHNOL	PPUT	TURB	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	WATER TEMP DEG.C	NICKEL UNF.TOT. MG/L AS NI	LEAD UNF.TOT. MG/L AS PB	PH	PHENOLS UNF-REAC UG/L PHENOL	PHOSPHOR UNF.TOT. MG/L AS P	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840103	1455	57753	1.0	0.002<	0.003<	7.95	0.2<W	0.011	3.40	0.003
840207	1045	57758	1.0	0.002<	0.003<	7.73	0.2<T	0.010	1.60	0.020
840312	1050	57763	1.0	0.002<	0.003<	7.74	-0.2<T	0.007	2.20	0.003
840403	1050	57768	2.0	0.002<	0.003<	7.93	-0.2<T	0.006	2.40	0.001
840430	1130	57773	11.0	0.002<	0.003<	7.93	0.6<T	0.026	4.30	0.002
840604	1020	57778	16.0	0.002<	0.003<	8.09	1.0	0.021	4.00	0.001
840703	1025	57783	24.0	0.002<	0.003<	8.08	0.8	0.033	4.20	0.001
840807	0945	57788	24.0	0.002<	0.003<	8.09	1.0	0.027	3.40	0.003<
840903	0945	57793	18.0	0.002<	0.004	8.04	-0.2<T	0.025	5.80	0.001
841001	1100	57798	12.0	0.002<	0.003<	8.10	0.2<W	0.016	5.70	0.001
841105	1120	56292	8.0	0.002<	0.003<	8.23		0.022	4.40	0.001<
841204	1145	56297	0.5	0.002<	0.010	8.28	1.0	0.014	4.70	0.002

(C O N T D)

B.O.W./ SITE: SALMON RIVER
SAMPLE POINT: AT BRIDGE IN MILLTOWN
STATION TYPE: RIVER FLOW GAUGE FED. 02HM003

STATION ID: 17-0031-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: SALMON RIVER

STORET CODE: 02
004
1000

LAT: 44 12 26.10 LONG: 077 12 34.95 U T M: 18 0323450.0 4897050.0 4 REGION: 04 DISTANCE: 4.989

K=INTERIM TEST-NAME:			FWTEMP	NIUT NICKEL	PBUT LEAD	PH	PHNOL PHENOLS	PPUT PHOSPHOR	TURB	ZNUT ZINC
SAMPLE DATE	HOUR	SAMPLE	WATER TEMP	UNF.TOT. MG/L	UNF.TOT. MG/L		UNF-REAC UG/L	UNF.TOT. MG/L	TURB'ITY	UNF.TOT. MG/L
YYMMDD	LMT	NUMBER	DEG.C	AS NI	AS PB	PH	PHENOL	AS P	FTU	AS ZN
		MAXIMUM	24.0		0.010	8.28	1.0	0.033	5.80	0.020
		ARITH MEAN	9.9		0.007	8.02	0.4<A	0.018	3.84	0.003
		GEOM MEAN	4.9			8.01		0.016	3.61	
		MINIMUM	0.5		0.004	7.73	-0.2	0.006	1.60	0.001
		STD DEV (GEOM *)	9.0			0.17		0.009	1.31	
		# SAMP IN STATISTICS	12		2	12	11	12	12	10
		% SAMP (EXCLUDED)			83					16

B.O.W./ SITE: NAPANEE RIVER
SAMPLE POINT: DNSTR. FROM NAPANEE, RIVER ROAD
STATION TYPE: RIVER FLOW GAUGE FED 02HM001

STATION ID: 17-0035-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: NAPANEE RIVER

STORET CODE: 02
004
0870

LAT: 44 13 00.27 LONG: 076 58 26.77 U T M: 18 0342300.0 4897625.0 4 REGION: 04 DISTANCE: 5.633

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	BOD5	CLIDUR	COND25	CUUT	DO	FWSTRC	FWTEMP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	BOD 5 DAY TOT.DEM. MG/L AS O	CHLORIDE UNF.REAC MG/L AS CL-	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	STREAM COND.	WATER TEMP DEG.C
840103	1555	57752	0.30	0101	98.9	1.17	6.83	258.0	0.005	14.00	4	1.0
840207	1115	57757	0.30	0101	117.8	1.77	14.80	310.0	0.007			1.0
840312	1130	57762	0.30	0101	95.6	0.94	5.92	226.0	0.006	15.00	4	1.0
840403	1150	57767	0.30	0101	94.8	0.84	5.08	212.0	0.002		8	3.0
840430	1200	57772	0.30	0101	103.3	1.14	6.72	242.0	0.002	9.00	8	13.5
840604	1050	57777	0.30	0101	111.4	0.98	6.92	254.0	0.001	10.00	8	16.0
840703	1050	57782	0.30	0101	109.0	1.30	8.88	262.0	0.001	6.00	8	24.0
840807	1005	57787	0.30	0101	95.8	4.36	9.33	229.0	0.066	10.00	8	27.0
840903	1010	57792	0.30	0101	96.6	1.00	9.80	240.0	0.002	5.00	8	17.0
841001	1150	57797	0.30	0101	92.2	1.29U	8.17	225.0	0.001	8.00	8	13.0
841105	1210	56291	0.30	0101	93.5	1.39	12.18	250.0	0.003	10.00	8	8.0
841204		56296	0.30	0101	131.1	11.61	12.70	320.0	0.002	12.00	8	1.0
	MAXIMUM		0.30		131.1	11.61	14.80	320.0	0.066	15.00		27.0
	ARITH MEAN		0.30		103.3	2.32	8.94	252.3	0.008	9.90		10.5
	GEOM MEAN				102.8	1.56	8.51	250.5	0.003	9.41		5.5
	MINIMUM		0.30		92.2	0.84	5.08	212.0	0.001	5.00		1.0
	STD DEV (GEOM *)				11.9	3.08	2.98	32.9	0.018	3.18		9.4
	# SAMP IN STATISTICS		12		12	12	12	12	12	10		12
	% SAMP (EXCLUDED)											

*=INTERIM TEST-NAME:			NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	PBUT LEAD UNF.TOT. MG/L AS PB	PH	PPUT PHOSPHOR UNF.TOT. MG/L AS P	TURB TURB'ITY FTU	ZNUT ZINC UNF.TOT. MG/L AS ZN
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER			PH			
840103	1555	57752	0.112	0.004	7.80	0.720	3.50	0.006
840207	1115	57757	0.010	0.003	7.92	0.176	2.30	0.021
840312	1130	57762	0.070	0.003<	7.58	0.015	2.50	0.007
840403	1150	57767	0.048	0.003<	7.77	0.024	3.20	0.002
840430	1200	57772	0.078	0.003<	7.82	0.066	10.20	0.004
840604	1050	57777	0.948	0.003<	7.30	0.425	5.50	0.003
840703	1050	57782	0.282	0.003<	7.89	0.173	5.60	0.001
840807	1005	57787	0.380	0.003<	7.80	0.210	21.00	0.009
840903	1010	57792	0.124	0.003	7.74	0.105	9.70	0.003
841001	1150	57797	0.062	0.003<	7.99	0.062	6.20	0.001
841105	1210	56291	0.058	0.003<	7.89	0.133	13.60	0.005
841204		56296	0.096	0.003<	8.09	0.361	7.00	0.003

(C O N T D)

B.O.W./ SITE: NAPANEE RIVER
SAMPLE POINT: DNSTR. FROM NAPANEE, RIVER ROAD
STATION TYPE: RIVER FLOW GAUGE FED 02HM001

STATION ID: 17-0035-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: NAPANEE RIVER

STORET CODE: 02
004
0870

LAT: 44 13 00.27 LONG: 076 58 26.77 U T M: 18 0342300.0 4897625.0 4 REGION: 04 DISTANCE: 5.633

M=INTERIM TEST-NAME:		NNHTFR NH3-N TOTAL	PBUT	PH	PPUT	TURB	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	FIL.REAC MG/L AS N	LEAD UNF.TOT. MG/L AS PB	PH	PHOSPHOR UNF.TOT. MG/L AS P	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
	MAXIMUM		0.948	0.004	8.09	0.720	21.00	0.021
	ARITH MEAN		0.189	0.003	7.80	0.181	7.52	0.005
	GEOM MEAN		0.102		7.80	0.108	6.06	0.004
	MINIMUM		0.010	0.003	7.30	0.015	2.30	0.001
	STD DEV (GEOM *)		0.261		0.20	0.203	5.46	0.005
	# SAMP IN STATISTICS		12	3	12	12	12	12
	% SAMP (EXCLUDED)			75				

B.O.W./ SITE: NAPANEE RIVER
SAMPLE POINT: MINK BRIDGE UPSTREAM FROM HIGHWAY 401
STATION TYPE: RIVER FLOW GAUGE FED 02HM001

STATION ID: 17-0035-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: NAPANEE RIVER

STORET CODE: 02
004
0870

LAT: 44 16 39.43 LONG: 076 55 42.23 U T M: 18 0346110.0 4904300.0 4 REGION: 04 DISTANCE: 14.806

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	COND25	CUUT	DO	FWSTRC	FWTEMP	PBUT	PH
					ALK	CONDUCT.	COPPER	DISOLVED			LEAD	
SAMPLE			SAMPLE	PROJECT	TOTAL	25C	UNF.TOT.	OXYGEN		WATER	UNF.TOT.	
DATE	HOUR	SAMPLE	DEPTH	SUB-PROJ	MG/L	UMHO/CM	MG/L	MG/L	STREAM	TEMP	MG/L	
YYMMDD	LMT	NUMBER	M	CODE	AS CACO3	AT 25 C	AS CU	AS O	COND.	DEG.C	AS PB	PH
840103	1345	57751	0.30	0101	97.2	242.0	0.001	16.00	8	1.0	0.003	7.70
840207	0950	57756	0.30	0101	116.7	276.0	0.001<	15.00		1.0	0.003	7.60
840312	0950	57761	0.30	0101	94.4	222.0	0.002	13.00	8	1.0	0.003	7.56
840403	0940	57766	0.30	0101	87.8	208.0	0.001	15.00	8	0.5	0.003<	7.58
840430	1010	57771	0.30	0101	100.1	230.0	0.002	11.00	8	12.0	0.003<	7.77
840604	0940	57776	0.30	0101	98.8	216.0	0.001	10.00	8	15.0	0.003<	7.80
840703	0945	57781	0.30	0101	95.6	215.0	0.002	6.00	8	24.0	0.003<	7.75
840807	0900	57786	0.30	0101	82.1	193.0	0.005	5.00	8	24.0	0.003	7.66
840903	0845	57791	0.30	0101	88.3	205.0	0.001	6.00	8	17.0	0.003<	7.56
841001	1010	57796	0.30	0101	83.0	200.0	0.001<	8.00	8	11.0	0.003<	7.58
841105	1015	56290	0.30	0101	93.9	225.0	0.003	9.00	8	7.5	0.003<	7.50
841204	1045	56295	0.30	0101	131.1	305.0	0.030	12.00	8	1.0	0.003	7.95
		MAXIMUM	0.30		131.1	305.0	0.030	16.00		24.0	0.003	7.95
		ARITH MEAN	0.30		97.4	228.1	0.005	10.50		9.6	0.003	7.67
		GEOM MEAN			96.6	226.1		9.82		4.5		7.67
		MINIMUM	0.30		82.1	193.0	0.001	5.00		0.5	0.003	7.50
	STD DEV (GEOM *)				14.0	32.7		3.80		9.0		0.13
# SAMP IN STATISTICS			12		12	12	10	12		12	5	12
% SAMP (EXCLUDED)							16				58	

*=INTERIM TEST-NAME:			PHNOL	RSP	ZNUT
			PHENOLS		ZINC
SAMPLE			UNF-REAC	RESIDUE	UNF.TOT.
DATE	HOUR	SAMPLE	UG/L	PARTIC.	MG/L
YYMMDD	LMT	NUMBER	PHENOL	MG/L	AS ZN
840103	1345	57751	0.2<T	2.870	0.003
840207	0950	57756	0.4<T	3.640	0.006
840312	0950	57761	0.2<W	2.280	0.005
840403	0940	57766	0.2<W	2.450	0.003
840430	1010	57771	0.2<W	2.800	0.003
840604	0940	57776	1.2	2.704	0.002
840703	0945	57781	0.6<T	2.660	0.002
840807	0900	57786	1.4	6.718	0.005
840903	0845	57791	0.8	3.748	0.002
841001	1010	57796	0.8	5.516	0.002
841105	1015	56290	4.6	4.659	0.007
841204	1045	56295	3.0	2.796	0.046

(C O N T D)

B.O.W./ SITE: NAPANEE RIVER
SAMPLE POINT: MINK BRIDGE UPSTREAM FROM HIGHWAY 401
STATION TYPE: RIVER FLOW GAUGE FED 02HM001

STATION ID: 17-0035-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: NAPANEE RIVER

STORET CODE: 02
004
0870

LAT: 44 16 39.43 LONG: 076 55 42.23 U T M: 18 0346110.0 4904300.0 4 REGION: 04 DISTANCE: 14.806

*=INTERIM TEST-NAME:		PHNOL PHENOLS	RSP	ZNUT ZINC
SAMPLE DATE YYMMDD	HOUR LMT SAMPLE NUMBER	UNF-REAC UG/L PHENOL	RESIDUE PARTIC. MG/L	UNF.TOT. MG/L AS ZN
	MAXIMUM	4.6	6.718	0.046
	ARITH MEAN	1.1<A	3.570	0.007
	GEOM MEAN	0.7<A	3.367	0.004
	MINIMUM	0.2	2.280	0.002
	STD DEV (GEOM *)	1.4<A	1.385	0.012
	# SAMP IN STATISTICS	12	12	12
	% SAMP (EXCLUDED)			

B.O.W./ SITE: NAPANEE RIVER STATION ID: 17-0035-004-02
SAMPLE POINT: AT BRIDGE IN TOWN OF NEWBURGH
STATION TYPE: RIVER MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE ONTARIO 004
TERM STREAM: NAPANEE RIVER 0870

LAT: 44 19 24.66 LONG: 076 52 31.70 U T M: 18 0350450.0 4909300.0 4 REGION: 04 DISTANCE: 22.530

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT ALK	ASUT	COND25	CUUT	DO	FEUT	FWSTRC	FWTEMP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	IRON UNF.TOT. MG/L AS FE	STREAM COND.	WATER TEMP DEG.C
840103	1320	57750	0.30	0101	94.7	0.001<	233.0	0.002	16.00	0.225	8	1.0
840207	0935	57755	0.30	0101	112.5	0.001<	265.0	0.001	16.00	0.385		1.0
840312	0930	57760	0.30	0101	90.5	0.001<	214.0	0.003	16.00	0.290	8	1.0
840403	0920	57765	0.30	0101	84.4	0.001<	200.0	0.002	14.00	0.230	8	0.5
840430	0950	57770	0.30	0101	96.2	0.001<	220.0	0.002	11.00	0.170	8	13.0
840604	0930	57775	0.30	0101	94.6	0.001<	202.0	0.002	10.00	0.215	8	15.0
840703	0925	57780	0.30	0101	90.9	0.001<	201.0	0.001	6.00	0.240	8	24.0
840807	0845	57785	0.30	0101	73.3	0.001<	164.3	0.001	10.00	0.235	8	24.0
840903	0830	57790	0.30	0101	84.5	0.001<	190.0	0.003	9.00	0.195	8	17.0
841001	0945	57795	0.30	0101	75.8	0.001<	170.0	0.001<	10.00	0.135	8	12.0
841105	0955	56289	0.30	0101	86.2	0.001<	200.0	0.002	11.00	0.255	8	8.0
841204	1030	56294	0.30	0101	123.2	0.001<	280.0	0.003	13.00	0.175	8	1.0
		MAXIMUM	0.30		123.2		280.0	0.003	16.00	0.385		24.0
		ARITH MEAN	0.30		92.2		211.6	0.002	11.83	0.229		9.8
		GEOM MEAN			91.3		209.2		11.41	0.222		4.6
		MINIMUM	0.30		73.3		164.3	0.001	6.00	0.135		0.5
		STD DEV (GEOM *)			14.1		34.3		3.19	0.064		9.0
		# SAMP IN STATISTICS	12		12		12	11	12	12		12
		% SAMP (EXCLUDED)						8				

*=INTERIM TEST-NAME:			NIUT NICKEL	PBUT LEAD	PH	PHNOL PHENOLS	PPUT PHOSPHOR	TURB	ZNUT ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS NI	UNF.TOT. MG/L AS PB	PH	UNF-REAC UG/L PHENOL	UNF.TOT. MG/L AS P	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
840103	1320	57750	0.002<	0.003	7.80	-0.2<T	0.024	2.80	0.005
840207	0935	57755	0.002<	0.004	7.93	0.2<W	0.017	1.90	0.022
840312	0930	57760	0.002<	0.010	7.45	0.2<W	0.010	0.83	0.023
840403	0920	57765	0.002<	0.003<	8.02	0.2<T	0.018	2.20	0.002
840430	0950	57770	0.002<	0.003<	7.88	-0.2<T	0.022	3.10	0.004
840604	0930	57775	0.002<	0.004	7.93	0.8	0.028	4.25	0.007
840703	0925	57780	0.002<	0.003<	7.93	0.6<T	0.033	1.43	0.009
840807	0845	57785	0.002<	0.003<	8.00	0.8	0.036	5.90	0.003
840903	0830	57790	0.002<	0.004	7.97	-0.2<T	0.033	2.90	0.009
841001	0945	57795	0.002<	0.003<	8.16	0.4<T	0.015	4.60	0.001
841105	0955	56289	0.002<	0.003<	7.99	3.0	0.016	2.50	0.001
841204	1030	56294	0.002<	0.004	8.19	1.2	0.017	3.40	0.006

1984 WATER QUALITY DATA REGION 4

B.O.W./ SITE: NAPANEE RIVER
SAMPLE POINT: AT BRIDGE IN TOWN OF NEWBURGH
STATION TYPE: RIVER

STATION ID: 17-0035-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: NAPANEE RIVER

STORET CODE: 02
005
0070

LAT: 44 19 24.66 LONG: 076 52 31.70 U T M: 18 0350450.0 4909300.0 4 REGION: 04 DISTANCE: 22.530

*=INTERIM TEST-NAME:		NIUT NICKEL	PBUT LEAD	PH	PHNOL PHENOLS	PPUT PHOSPHOR	TURB	ZNUT ZINC
SAMPLE DATE HOUR YYMMDD LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS NI	UNF.TOT. MG/L AS PB	PH	UNF-REAC UG/L PHENOL	UNF.TOT. MG/L AS P	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
MAXIMUM			0.010	8.19	3.0	0.036	5.90	0.023
ARITH MEAN			0.005	7.94	0.6<A	0.022	2.98	0.008
GEOM MEAN				7.94		0.021	2.65	0.005
MINIMUM			0.003	7.45	-0.2	0.010	0.83	0.001
STD DEV (GEOM *)				0.19		0.008	1.41	0.007
# SAMP IN STATISTICS			6	12	12	12	12	12
% SAMP (EXCLUDED)			50					

B.O.W./ SITE: OTTAWA RIVER
SAMPLE POINT: CHANNEL 1 AND 2 HAWKESBURY
STATION TYPE: RIVER COMPOSITE

STATION ID: 18-0000-051-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER

STORET CODE: 02

LAT: 45 36 47.33 LONG: 074 36 19.11 U T M: 18 0530775.0 5050925.0 4 REGION: 04 DISTANCE: 109.9

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ALUT	ASUT	CAUR	CDUT	CLIDUR	CONDUT	CRUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ALUMINUM UNF.TOT. MG/L AS AL	ARSENIC UNF.TOT. MG/L AS AS	CALCIUM UNF.REAC MG/L AS CA	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	CONDUCT. UMHO/CM AT 25 C	CHROMIUM UNF.TOT. MG/L AS CR
840417		55338	0.30	0101	0.1<T	1.000	0.001<	15.20	0.0002<	4.46	2540.0	
840510	1020	55340	0.30	0101	35.9	0.450	0.001<	13.20	0.0003<	4.68	113.4	0.002
840619	1100	55342	0.30	0101	25.0	0.360	0.001<	9.00	0.0002<	3.17	84.3	0.001<
840718	1300	55344	0.30	0101	21.3	0.310	0.001<	7.80	0.0002<	2.64	72.0	0.001<
840815	1030	55346	0.30	0101	26.5	0.190	0.001<	9.20	0.0002<	3.65	85.0	0.001
840917	1015	55348	0.30	0101	23.5	0.200	0.001<	7.60	0.0002<	2.88	76.0	0.001<
841101	1045	55350	0.30	0101	23.7	0.270	0.001<	7.40	0.0002<	3.17	79.0	0.002
	MAXIMUM		0.30		35.9	1.000		15.20		4.68	2540.0	0.002
	ARITH MEAN		0.30		22.3<A	0.397		9.91		3.52	435.6	0.002
	GEOM MEAN				11.6<A	0.339		9.56		3.45	136.7	
	MINIMUM		0.30		0.1	0.190		7.40		2.64	72.0	0.001
	STD DEV (GEOM *)				10.9<A	0.281		3.06		0.78	928.0	
# SAMP IN STATISTICS			7		7	7		7		7	7	1
% SAMP (EXCLUDED)												50

*=INTERIM TEST-NAME:		CUUT	DO	DOC	FEUT	FWTEMP	HGUT	KKUR	MGUR	MNUT	NAUR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C	IRON UNF.TOT. MG/L AS FE	WATER TEMP DEG.C	MERCURY UNF.TOT. UG/L AS HG	POTASSIM UNF.REAC MG/L AS K	MAGNESIM FIL.REAC MG/L AS MG	MANGAN UNF.TOT MG/L AS MN	SODIUM UNF.REAC MG/L AS NA
840417		55338	0.004	11.20	6.5	1.200	5.0	0.01	11.20	3.24	0.0400	
840510	1020	55340	0.003		7.0	0.536		0.06	1.08	2.96	0.0270	
840619	1100	55342	0.004	10.80	5.9	0.515	21.0	0.01<	0.96	1.80	0.0340	
840718	1300	55344	0.003	8.20	7.2	0.410	22.0	0.01	0.70	2.10	0.0290	
840815	1030	55346	0.003	8.80	6.1	0.325	23.0	0.03	0.86	1.62	0.0300	
840917	1015	55348	0.003	11.00	6.8	0.315	16.0	0.01	0.84	2.34	0.0240	
841101	1045	55350	0.002	9.80	6.2	0.380	9.0	0.01<	0.94	1.76	0.0210	
	MAXIMUM		0.004	11.20	7.2	1.200	23.0	0.06	11.20	3.24	0.0400	
	ARITH MEAN		0.003	9.97	6.5	0.526	16.0	0.02	2.37	2.26	0.0293	
	GEOM MEAN		0.003	9.90	6.5	0.473	14.0		1.28	2.19	0.0287	
	MINIMUM		0.002	8.20	5.9	0.315	5.0	0.01	0.70	1.62	0.0210	
	STD DEV (GEOM *)		0.001	1.25	0.5	0.309	7.5		3.90	0.63	0.0063	
# SAMP IN STATISTICS			7	6	7	7	6	5	7	7	7	1
% SAMP (EXCLUDED)								28				

(C O N T D)

B.O.W./ SITE: OTTAWA RIVER
SAMPLE POINT: CHANNEL 1 AND 2 HAWKESBURY
STATION TYPE: RIVER COMPOSITE

STATION ID: 18-0000-05[illegible]-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER

STORET CODE: 00 [illegible]

LAT: 45 36 47.33 LONG: 074 36 19.11 U T M: 18 0530775.0 5050925.0 4 REGION: 04 DISTANCE: 189.930

*=INTERIM TEST-NAME:		NIUT	NNHTFR	NNOTFR	NNO2FR	NNO3FR	NNTKUR	PBUT	PH	PPUT	SEUT
		NICKEL	NH3-N TOTAL				K'DAHL N TOTAL	LEAD		PHOSPHOR	SELENIUM
SAMPLE DATE HOUR	SAMPLE	UNF.TOT.	FIL.REAC	NO2+NO3N FIL.REAC	NO2-N FIL.REAC	NO3-N FIL.REAC	UNF.REAC	UNF.TOT.		UNF.TOT.	UNF.TOT.
YYMMDD LMT	NUMBER	MG/L AS NI	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS PB	PH	MG/L AS P	MG/L AS SE
840417	55338	0.002	0.050		0.0700	20.000	0.370	0.003<	2.35	0.037	0.001<
840510 1020	55340	0.002	0.056		0.0140	0.186	0.440	0.003<	7.34	0.036	0.001<
840619 1100	55342	0.002	0.056		0.0200		0.400	0.003<	7.39	0.028	0.001<
840718 1300	55344	0.001<	0.068	0.190	0.0115		0.550	0.003<	6.40	0.041	0.001<
840815 1030	55346	0.001	0.064	0.160	0.0100		0.390	0.003<	7.24	0.034	0.001<
840917 1015	55348	0.001<	0.046	0.140	0.0075		0.380	0.003<	7.60	0.022	0.001<
841101 1045	55350	0.001	0.050	0.220	0.0130		0.390	0.003<	7.26	0.021	0.001<
MAXIMUM		0.002	0.068	0.220	0.0700	20.000	0.550		7.60	0.041	
ARITH MEAN		0.002	0.056	0.177	0.0209	10.093	0.417		6.51	0.031	
GEOM MEAN			0.055	0.175	0.0155	1.929	0.414		6.13	0.030	
MINIMUM		0.001	0.046	0.140	0.0075	0.186	0.370		2.35	0.021	
STD DEV (GEOM *)			0.008	0.035	0.0220	14.011	0.063		1.87	0.008	
# SAMP IN STATISTICS		5	7	4	7	2	7		7	7	
% SAMP (EXCLUDED)		28									

*=INTERIM TEST-NAME:		SSO4UR	TURB	ZNUT
		SULPHATE		ZINC
SAMPLE DATE HOUR	SAMPLE	UNF.REAC		UNF.TOT.
YYMMDD LMT	NUMBER	MG/L AS SO4	TURB'ITY FTU	MG/L AS ZN
840417	55338	8.20	21.00	0.009
840510 1020	55340	7.57	7.90	0.006
840619 1100	55342	8.08	10.30	0.004
840718 1300	55344	7.90	4.60	0.005
840815 1030	55346	8.60	0.76	0.005
840917 1015	55348	7.87	4.70	0.004
841101 1045	55350	8.84	3.50	0.006
MAXIMUM		8.84	21.00	0.009
ARITH MEAN		8.15	7.54	0.006
GEOM MEAN		8.14	5.17	0.005
MINIMUM		7.57	0.76	0.004
STD DEV (GEOM *)		0.44	6.68	0.002
# SAMP IN STATISTICS		7	7	7
% SAMP (EXCLUDED)				

B.O.W./ SITE: OTTAWA RIVER
SAMPLE POINT: PERLEY BRIDGE, HAWKESBURY MAIN CHANNEL
STATION TYPE: RIVER COMPOSITE

STATION ID: 18-0000-078-83
MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
STORET CODE: 02
006

LAT: 45 37 05.89 LONG: 074 35 58.21 U T M: 18 0531225.0 5051500.0 4 REGION: 04 DISTANCE: 109.432

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ALUT	ASUT	CAUR	CDUT	CLIDUR	COND25	CRUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ALUMINUM UNF.TOT. MG/L AS AL	ARSENIC UNF.TOT. MG/L AS AS	CALCIUM UNF.REAC MG/L AS CA	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	CONDUCT. 25C UMHO/CM AT 25 C	CHROMIUM UNF.TOT. MG/L AS CR
840417		55339	0.30	0101	0.1<W	0.670	0.001<	13.10	0.0002<	3.83	2860.0	0.010
840510	1040	55341	0.30	0101	28.2	0.360	0.001<	10.20	0.0003<	3.13	90.2	0.002
840619	1115	55343	0.30	0101	19.3	0.250	0.001<	7.00	0.0002<	1.94	66.9	0.004
840718	1315	55345	0.30	0101	17.5	0.280	0.001<	6.80	0.0002<	1.81	63.5	0.001<
840815	1040	55347	0.30	0101	20.8	0.150	0.001<	7.50	0.0002<	2.53	71.0	0.001
840917	1030	55349	0.30	0101	21.3	0.140	0.001<	7.20	0.0002<	2.35	72.0	0.001<
841101	1105	55351	0.30	0101	21.3	0.200	0.001<	7.30	0.0002<	2.83	74.0	0.001
	MAXIMUM		0.30		28.2	0.670		13.10		3.83	2860.0	0.010
	ARITH MEAN		0.30		18.4<A	0.293		8.44		2.63	471.1	0.004
	GEOM MEAN				9.8<A	0.255		8.21		2.55	122.5	
	MINIMUM		0.30		0.1	0.140		6.80		1.81	63.5	0.001
	STD DEV (GEOM *)				8.7<A	0.183		2.36		0.70	1053.4	
	# SAMP IN STATISTICS		7		7	7		7		7	7	5
	% SAMP (EXCLUDED)											28

*=INTERIM TEST-NAME:		CUUT	DO	DOC	FEUT	FWTEMP	HGUT	KKUR	MGUR	MNUT	NAUR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C	IRON UNF.TOT. MG/L AS FE	WATER TEMP DEG.C	MERCURY UNF.TOT. UG/L AS HG	POTASSIM UNF.REAC MG/L AS K	MAGNESIM FIL.REAC MG/L AS MG	MANGANSE UNF.TOT. MG/L AS MN	SODIUM UNF.REAC MG/L AS NA
840417		55339	0.003	10.40	6.0	0.985	6.0	0.01	1.12	3.02	0.0370	3.60
840510	1040	55341	0.002		6.7	0.383		0.05	0.88	2.50	0.0210	3.30
840619	1115	55343	0.004	11.00	5.9	0.275	22.0	0.01	0.78	1.60	0.0270	2.80
840718	1315	55345	0.003	8.20	6.7	0.445	22.0	0.01	0.64	1.64	0.0310	2.36
840815	1040	55347	0.003	8.80	6.1	0.265	23.0	0.01	0.80	1.60	0.0240	2.86
840917	1030	55349	0.002	14.80	6.7	0.280	15.0	0.01	0.82	1.82	0.0220	2.86
841101	1105	55351	0.002	10.80	6.1	0.455	9.0	0.01<	0.94	1.72	0.0210	3.06
	MAXIMUM		0.004	14.80	6.7	0.985	23.0	0.05	1.12	3.02	0.0370	3.60
	ARITH MEAN		0.003	10.67	6.3	0.441	16.2	0.02	0.85	1.99	0.0261	2.98
	GEOM MEAN		0.003	10.47	6.3	0.397	14.4		0.84	1.93	0.0256	2.95
	MINIMUM		0.002	8.20	5.9	0.265	6.0	0.01	0.64	1.60	0.0210	2.36
	STD DEV (GEOM *)		0.001	2.32	0.4	0.253	7.4		0.15	0.56	0.0060	0.40
	# SAMP IN STATISTICS		7	6	7	7	6	6	7	7	7	7
	% SAMP (EXCLUDED)							14				

(C O N T D)

B.O.W./ SITE: OTTAWA RIVER STATION ID: 18-0000-078 83
SAMPLE POINT: PERLEY BRIDGE, HAWKESBURY MAIN CHANNEL
STATION TYPE: RIVER COMPOSITE MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: OTTAWA RIVER 006

LAT: 45 37 05.89 LONG: 074 35 58.21 U T M: 18 0531225.0 5051500.0 4 REGION: 04 DISTANCE: 109.432

*=INTERIM TEST-NAME:		NIUT	NNHTFR	NNOTFR	NNO2FR	NNO3FR	NNTKUR	PBUT	PH	PPUT	SEUT
		NICKEL	NH3-N TOTAL	NO2+NO3N	NO2-N	NO3-N	K'DAHL N TOTAL	LEAD		PHOSPHOR	SELENIUM
SAMPLE DATE	HOUR	UNF.TOT.	FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	UNF.REAC	UNF.TOT.		UNF.TOT.	UNF.TOT.
YYMMDD	LMT	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L		MG/L	MG/L
	SAMPLE NUMBER	AS NI	AS N	AS N	AS N	AS N	AS N	AS PB	PH	AS P	AS SE
840417		55339	0.003	0.042		0.0040	18.750	0.800	0.003<	2.28	0.041	0.001<
840510	1040	55341	0.002	0.048		0.0100	0.160	0.350	0.003<	8.24	0.031	0.001<
840619	1115	55343	0.002	0.062		0.0140		0.400	0.007	7.38	0.034	0.001<
840718	1315	55345	0.001	0.048	0.185	0.0130		0.660	0.003<	7.46	0.055	0.001<
840815	1040	55347	0.002	0.072	0.150	0.0070		0.350	0.003<	7.18	0.019	0.001<
840917	1030	55349	0.001	0.052	0.140	0.0080		0.370	0.003<	7.40	0.019	0.001<
841101	1105	55351	0.001	0.052	0.195	0.0075		0.370	0.003<	7.24	0.014	0.001<
	MAXIMUM		0.003	0.072	0.195	0.0140	18.750	0.800	0.007	8.24	0.055	
	ARITH MEAN		0.002	0.054	0.167	0.0091	9.455	0.471	0.007	6.74	0.030	
	GEOM MEAN		0.002	0.053	0.166	0.0084	1.732	0.447		6.31	0.028	
	MINIMUM		0.001	0.042	0.140	0.0040	0.160	0.350	0.007	2.28	0.014	
	STD DEV (GEOM *)		0.001	0.010	0.027	0.0035	13.145	0.182		2.00	0.014	
	# SAMP IN STATISTICS		7	7	4	7	2	7	1	7	7	
	% SAMP (EXCLUDED)								85			

*=INTERIM TEST-NAME:		SSO4UR	TURB	ZNUT
		SULPHATE		ZINC
SAMPLE DATE	HOUR	UNF.REAC		UNF.TOT.
YYMMDD	LMT	MG/L	TURB'ITY	MG/L
	SAMPLE NUMBER	AS SO4	FTU	AS ZN
840417		55339	7.47	17.40	0.008
840510	1040	55341	6.64	6.45	0.006
840619	1115	55343	7.48	14.90	0.019
840718	1315	55345	7.59	12.70	0.005
840815	1040	55347	8.15	0.87	0.007
840917	1030	55349	7.76	4.40	0.004
841101	1105	55351	8.64	3.40	0.005
	MAXIMUM		8.64	17.40	0.019
	ARITH MEAN		7.68	8.59	0.008
	GEOM MEAN		7.65	5.99	0.007
	MINIMUM		6.64	0.87	0.004
	STD DEV (GEOM *)		0.62	6.36	0.005
	# SAMP IN STATISTICS		7	7	7
	% SAMP (EXCLUDED)				

B.O.W./ SITE: OTTAWA RIVER
SAMPLE POINT: AT LEMIEUX ISLAND BRIDGE TO FILTRATION PLANT
STATION TYPE: RIVER

STATION ID: 18-0000-133-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
STORET CODE: 02
006

LAT: 45 24 44.54 LONG: 075 43 33.16 U T M: 18 0443200.0 5028800.0 4 REGION: 04 DISTANCE: 209.368

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ALUT	ASUT	CAUR	CAUT	CDUT	CLIDUR	COND25
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ALUMINUM UNF.TOT. MG/L AS AL	ARSENIC UNF.TOT. MG/L AS AS	CALCIUM UNF.REAC MG/L AS CA	CALCIUM UNF.TOT. MG/L AS CA	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	CONDUCT. 25C UMHO/CM AT 25 C
840522	1145	55524	0.30	0101	29.1	0.150	0.001<	10.70		0.0003<	2.73	90.0
840605	1130	55525	0.30	0101	20.9	0.250	0.001<		7.000	0.0003<	1.80	69.0
840716	1140	55557	0.30	0101	21.3	0.190	0.001<	7.40		0.0002<	1.75	69.0
840813	1200	55563	0.30	0101	20.2	0.170	0.001<	6.90		0.0002<	1.99	68.0
840926	1110	55600	0.30	0101	22.7	0.160	0.001<	8.00		0.0002<	2.16	73.0
841015	1150	55606	0.30	0101	20.4	0.150	0.001	6.80		0.0002<	2.01	72.0
841107	1100	55620	0.30	0101	20.5	0.260	0.001<	7.50		0.0002<	2.38	74.5
841205	1115	55639	0.30	0101	20.9	0.140	0.001	8.50		0.0002<	2.33	74.0
		MAXIMUM	0.30		29.1	0.260	0.001	10.70	7.000		2.73	90.0
		ARITH MEAN	0.30		22.0	0.184	0.001	7.97	7.000		2.14	73.7
		GEOM MEAN			21.8	0.179		7.88			2.12	73.4
		MINIMUM	0.30		20.2	0.140	0.001	6.80	7.000		1.75	68.0
		STD DEV (GEOM *)			3.0	0.047		1.34			0.33	7.0
		# SAMP IN STATISTICS	8		8	8	2	7	1		8	8
		% SAMP (EXCLUDED)					75					

*=INTERIM TEST-NAME:			CRUT	CUUT	DO	DOC	FEUT	FWSTRC	FWTEMP	HGUT	KKUR	MGUR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C	IRON UNF.TOT. MG/L AS FE	STREAM COND.	WATER TEMP DEG.C	MERCURY UNF.TOT. UG/L AS HG	POTASSIM UNF.REAC MG/L AS K	MAGNESIM FIL.REAC MG/L AS MG
840522	1145	55524	0.001<	0.001		5.8	0.220	8		0.07	0.80	2.40
840605	1130	55525	0.005	0.001<	9.50	6.0	0.300	8	15.0	0.01	0.780	
840716	1140	55557	0.001	0.003	8.30	6.4	0.270	8	21.5	0.01<	0.66	1.90
840813	1200	55563	0.001<	0.002		6.0	0.265	8 0 0		0.03	0.68	2.92
840926	1110	55600	0.001	0.002		6.3	0.260			0.01	0.78	2.08
841015	1150	55606	0.002	0.002	9.50	6.4	0.235	8	13.0	0.02	0.82	1.64
841107	1100	55620	0.001	0.002	10.50	6.2	0.390	8	6.2	0.01	0.88	2.52
841205	1115	55639	0.003	0.002	12.20	7.1	0.300	8	1.0	0.01	0.80	2.02
		MAXIMUM	0.005	0.003	12.20	7.1	0.390		21.5	0.07	0.88	2.92
		ARITH MEAN	0.002	0.002	10.00	6.3	0.280		11.3	0.02	0.77	2.21
		GEOM MEAN			9.92	6.3	0.276		7.6		0.77	2.18
		MINIMUM	0.001	0.001	8.30	5.8	0.220		1.0	0.01	0.66	1.64
		STD DEV (GEOM *)			1.46	0.4	0.052		7.9		0.07	0.43
		# SAMP IN STATISTICS	6	7	5	8	8		5	7	8	7
		% SAMP (EXCLUDED)	25	12						12		

(C O N T D)

B.O.W./ SITE: OTTAWA RIVER
SAMPLE POINT: AT LEMIEUX ISLAND BRIDGE TO FILTRATION PLANT
STATION TYPE: RIVER
STATION ID: 18-0000-133-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
STORET CODE: 02 006

LAT: 45 24 44.54 LONG: 075 43 33.16 U T M: 18 0443200.0 5028800.0 4 REGION: 04 DISTANCE: 209.368

*=INTERIM TEST-NAME:		MGUT	MNUT	NAUR	NIUT	NNHTFR	NNOTFR	NNO2FR	NNTKUR	PBUT	PH
		MAGNESIM	MANGANSE	SODIUM	NICKEL	NH3-N			K'DAHL N		
SAMPLE		UNF.TOT.	UNF.TOT.	UNF.REAC	UNF.TOT.	TOTAL	NO2+NO3N	NO2-N	TOTAL	LEAD	
DATE HOUR	SAMPLE	MG/L	MG/L	MG/L	MG/L	FIL.REAC	FIL.REAC	FIL.REAC	UNF.REAC	UNF.TOT.	
YYMMDD LMT	NUMBER	AS MG	AS MN	AS NA	AS NI	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS PB	PH
840522 1145	55524		0.0190	2.66	0.001	0.044		0.0070	0.380	0.003<	7.84
840605 1130	55525	2.100	0.0230	2.290	0.001<	0.024		0.0070	0.340	0.003<	7.36
840716 1140	55557		0.0220	2.60	0.001	0.042	0.190	0.0050	0.330	0.003<	7.58
840813 1200	55563		0.0210	2.30	0.001	0.030	0.175	0.0050	0.300	0.003<	7.21
840926 1110	55600		0.0220	2.30	0.001<	0.018	0.190	0.0040	0.330	0.003<	7.18
841015 1150	55606		0.0170	2.50	0.002	0.016	0.205	0.0185	0.320	0.003<	7.17
841107 1100	55620		0.0220	2.40	0.001<	0.026	0.250	0.0050	0.210	0.003<	7.48
841205 1115	55639		0.0190	2.70	0.001	0.042	0.330	0.0050	0.320	0.003<	7.62
MAXIMUM		2.100	0.0230	2.70	0.002	0.044	0.330	0.0185	0.380		7.84
ARITH MEAN		2.100	0.0206	2.47	0.001	0.030	0.223	0.0071	0.316		7.43
GEOM MEAN			0.0205	2.46		0.028	0.218	0.0062	0.312		7.43
MINIMUM		2.100	0.0170	2.290	0.001	0.016	0.175	0.0040	0.210		7.17
STD DEV (GEOM *)			0.0021	0.17		0.011	0.058	0.0047	0.049		0.24
# SAMP IN STATISTICS		1	8	8	5	8	6	8	8		8
% SAMP (EXCLUDED)					37						

*=INTERIM TEST-NAME:		PPUT	SEUT	SSO4UR	TURB	ZNUT
		PHOSPHOR	SELENIUM	SULPHATE		ZINC
SAMPLE		UNF.TOT.	UNF.TOT.	UNF.REAC		UNF.TOT.
DATE HOUR	SAMPLE	MG/L	MG/L	MG/L	TURB'ITY	MG/L
YYMMDD LMT	NUMBER	AS P	AS SE	AS SO4	FTU	AS ZN
840522 1145	55524	0.017	0.001<	8.31	4.65	0.003
840605 1130	55525	0.017	0.001<	7.44	4.80	0.004
840716 1140	55557	0.015	0.001<	9.76	3.00	0.004
840813 1200	55563	0.056	0.001<	8.36	2.70	0.002
840926 1110	55600	0.014	0.001<	8.96	4.30	0.002
841015 1150	55606	0.014	0.001<	9.27	2.80	0.004
841107 1100	55620	0.015	0.001<	9.58	4.60	0.005
841205 1115	55639	0.013	0.001<	9.43	2.80	0.003
MAXIMUM		0.056		9.76	4.80	0.005
ARITH MEAN		0.020		8.89	3.71	0.003
GEOM MEAN		0.018		8.86	3.60	0.003
MINIMUM		0.013		7.44	2.70	0.002
STD DEV (GEOM *)		0.015		0.79	0.96	0.001
# SAMP IN STATISTICS		8		8	8	8
% SAMP (EXCLUDED)						

B.O.W./ SITE: OTTAWA RIVER
SAMPLE POINT: AT CHATS FALLS 900' FROM P/Q SHORE
STATION TYPE: RIVER FLOW GAUGE FED 02KF009

STATION ID: 18-0000-170-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER

STORET CODE: 02
006

LAT: 45 28 26.47 LONG: 076 14 52.81 U T M: 18 0402450.0 5036150.0 4 REGION: 04 DISTANCE: 263.281

*=INTERIM TEST-NAME:		FMSADP	FGPROJ	ALKT	ALUT	ASUT	CAUR	CAUT	CDUT	CLIDUR	COND25
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ALUMINUM UNF.TOT. MG/L AS AL	ARSENIC UNF.TOT. MG/L AS AS	CALCIUM UNF.REAC MG/L AS CA	CALCIUM UNF.TOT. MG/L AS CA	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	CONDUCT. 25C UMHO/CM AT 25 C
840328	0950	56436	0.30	0101	46.5	0.150	0.001<	15.40		0.0002<	3.46	150.0
840523	0945	56449	0.30	0101	37.1	0.120		13.00		0.0003<	2.20	101.1
840605	1015	56462	0.30	0101	31.2	0.160	0.001<		9.100	0.0003<	1.83	89.1
840724	1245	56488	0.30	0101	22.0	0.130	0.001<	7.50		0.0002<	1.57	68.5
840912	1225	56501	0.30	0101	23.4	0.097	0.001<	8.40		0.0002<	1.88	75.0
841219	1255	56540	0.30	0101	27.6			9.60			1.97	81.0
	MAXIMUM		0.30		46.5	0.160		15.40	9.100		3.46	150.0
	ARITH MEAN		0.30		31.3	0.131		10.78	9.100		2.15	94.1
	GEOM MEAN				30.2	0.129		10.39			2.08	90.9
	MINIMUM		0.30		22.0	0.097		7.50	9.100		1.57	68.5
	STD DEV (GEOM *)				9.2	0.025		3.32			0.67	29.6
# SAMP IN STATISTICS			6		6	5		5	1		6	6
% SAMP (EXCLUDED)												

*=INTERIM TEST-NAME:		CRUT	CUUT	DO	DOC	FEUT	FMFLOW	FMSTRC	FMTEMP	HGUT	KKUR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C	IRON UNF.TOT. MG/L AS FE	STREAM FLOW M3 /S	STREAM COND.	WATER TEMP DEG.C	MERCURY UNF.TOT. UG/L AS HG	POTASSIM UNF.REAC MG/L AS K
840328	0950	56436	0.001	0.003	13.00	5.8	0.200	1310.00	8	1.0	0.01<	1.00
840523	0945	56449	0.001<	0.002	11.00	7.8	0.175	1450.00	8	14.0	0.01	0.86
840605	1015	56462	0.001<	0.002	12.00	5.8	0.240	2420.00	9 8	16.0	0.01	0.800
840724	1245	56488	0.001<	0.002	9.00	6.3	0.210	1260.00	8	22.0	0.01<	0.68
840912	1225	56501	0.001<	0.001	10.00	6.4	0.160	716.000	8	19.0	0.01	0.78
841219	1255	56540			12.20	6.7	0.250	1420.00	8	0.5		0.86
	MAXIMUM		0.001	0.003	13.00	7.8	0.250	2420.00		22.0	0.01	1.00
	ARITH MEAN		0.001	0.002	11.20	6.5	0.206	1429.33		12.1	0.01	0.83
	GEOM MEAN			0.002	11.11	6.4	0.203	1343.81		6.0		0.82
	MINIMUM		0.001	0.001	9.00	5.8	0.160	716.000		0.5	0.01	0.68
	STD DEV (GEOM *)			0.001	1.50	0.7	0.035	553.840		9.2		0.11
# SAMP IN STATISTICS			1	5	6	6	6	6		6	3	6
% SAMP (EXCLUDED)			80								40	

(C O N T D)

B.O.N./ SITE: OTTAWA RIVER
SAMPLE POINT: AT CHATS FALLS 900' FROM P/Q SHORE
STATION TYPE: RIVER FLOW GAUGE FED 02KF009

STATION ID: 18-0000-170-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER

STORET CODE: 02
006

LAT: 45 28 26.47 LONG: 076 14 52.81 U T M: 18 0402450.0 5036150.0 4 REGION: 04 DISTANCE: 263.281

*=INTERIM TEST-NAME:		MGUR	MGUT	MNUT	NAUR	NIUT	NNHTFR	NNOTFR	NNO2FR	NNO3FR	NNTKUR
SAMPLE DATE YYMMDD	HOUR LMT SAMPLE NUMBER	MAGNESIM FIL.REAC MG/L AS MG	MAGNESIM UNF.TOT. MG/L AS MG	MANGANSE UNF.TOT. MG/L AS MN	SODIUM UNF.REAC MG/L AS NA	NICKEL UNF.TOT. MG/L AS NI	NH3-N TOTAL FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	K'DAHL N TOTAL UNF.REAC MG/L AS N
840328	0950 56436	3.36		0.0180	2.80	0.001	0.040		0.0110	1.940	0.350
840523	0945 56449	2.84		0.0200	2.20	0.001<	0.018		0.0060		0.490
840605	1015 56462		2.300	0.0230	1.960	0.001<	0.026		0.0045		0.410
840724	1245 56488	1.80		0.0250	2.06	0.001<	0.034	0.155	0.0030		0.330
840912	1225 56501	2.06		0.0160	2.46	0.001<	0.022	0.160	0.0040		0.290
841219	1255 56540	2.16		0.0150	2.46		0.052	0.205	0.0050		0.350
	MAXIMUM	3.36	2.300	0.0250	2.80	0.001	0.052	0.205	0.0110	1.940	0.490
	ARITH MEAN	2.44	2.300	0.0195	2.32	0.001	0.032	0.173	0.0056	1.940	0.370
	GEOM MEAN	2.38		0.0192	2.31		0.030	0.172	0.0051		0.365
	MINIMUM	1.80	2.300	0.0150	1.960	0.001	0.018	0.155	0.0030	1.940	0.290
	STD DEV (GEOM *)	0.64		0.0039	0.31		0.013	0.028	0.0028		0.070
	# SAMP IN STATISTICS	5	1	6	6	1	6	3	6	1	6
	% SAMP (EXCLUDED)					80					

*=INTERIM TEST-NAME:		PBUT	PH	PPUT	SEUT	SSO4UR	TURB	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT SAMPLE NUMBER	LEAD UNF.TOT. MG/L AS PB	PH	PHOSPHOR UNF.TOT. MG/L AS P	SELENIUM UNF.TOT. MG/L AS SE	SULPHATE UNF.REAC MG/L AS SO4	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840328	0950 56436	0.003<	7.56	0.016	0.001<	11.83	3.50	0.024
840523	0945 56449	0.003<	7.74	0.009		7.62	1.87	0.024
840605	1015 56462	0.003<	7.65	0.021	0.001<	7.66	6.40	0.004
840724	1245 56488	0.003<	7.40	0.012	0.001<	8.49	4.60	0.002
840912	1225 56501	0.003<	7.78	0.009	0.001<	8.59	4.30	0.003
841219	1255 56540		7.88	0.015	0.001<	9.22	2.70	
	MAXIMUM		7.88	0.021		11.83	6.40	0.024
	ARITH MEAN		7.67	0.014		8.90	3.89	0.011
	GEOM MEAN		7.67	0.013		8.80	3.62	0.007
	MINIMUM		7.40	0.009		7.62	1.87	0.002
	STD DEV (GEOM *)		0.17	0.005		1.56	1.59	0.012
	# SAMP IN STATISTICS		6	6		6	6	5
	% SAMP (EXCLUDED)							

B.O.W./ SITE: OTTAWA RIVER
SAMPLE POINT: AT CHENAUX DAM 800' FROM P/Q SHORE
STATION TYPE: RIVER

STATION ID: 18-0000-240-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
STORET CODE: 02 006

LAT: 45 35 35.60 LONG: 076 40 27.70 U T M: 18 0369400.0 5049999.0 4 REGION: 04 DISTANCE: 303.514

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ALUT	ASUT	CAUR	CDUT	CLIDUR	COND25	CRUT
				ALK	ALUMINUM	ARSENIC	CALCIUM	CADMIUM	CHLORIDE	CONDUCT.	CHROMIUM
SAMPLE		SAMPLE	PROJECT	TOTAL	UNF.TOT.	UNF.TOT.	UNF.REAC	UNF.TOT.	UNF.REAC	25C	UNF.TOT.
DATE HOUR	SAMPLE	DEPTH	SUB-PROJ	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UMHO/CM	MG/L
YYMMDD LMT	NUMBER	M	CODE	AS CACO3	AS AL	AS AS	AS CA	AS CD	AS CL-	AT 25 C	AS CR
840109 1300	55301	0.30	0101	57.9	0.089	0.001<	16.8	0.0002<	4.25	152.0	0.001
840305 1300	55305	0.30	0101	67.5	0.070	0.001<	21.40	0.0002<	4.52	173.0	0.015U
840402 1300	55307	0.30	0101	79.3	1.200	0.001<	23.60	0.0003<	7.22	205.0	0.002
840611 1300	55309	0.30	0101	15.9		0.001<	5.90		1.45	55.7	
841022 1030	55310	0.30	0101	18.2	0.120	0.001	6.80	0.0008	1.90	65.0	0.001<
841126 1045	55312	0.30	0101	18.2	0.200	0.001	6.50	0.0002<	1.69	67.0	0.001<
MAXIMUM		0.30		79.3	1.200	0.001	23.60	0.0008	7.22	205.0	0.015
ARITH MEAN		0.30		42.8	0.336	0.001	13.5	0.0008	3.50	119.6	0.006
GEOM MEAN				34.3	0.178		11.4		2.94	104.6	
MINIMUM		0.30		15.9	0.070	0.001	5.90	0.0008	1.45	55.7	0.001
STD DEV (GEOM *)				28.7	0.486		8.1		2.26	64.8	
# SAMP IN STATISTICS		6		6	5	2	6	1	6	6	3
% SAMP (EXCLUDED)						66		80			40

*=INTERIM TEST-NAME:		CUUT	DO	DOC	FEUT	FWSTRC	FWTEMP	HGUT	KKUR	MGUR	MNUT
		COPPER	DISOLVED	CARBON DISOLVED	IRON			MERCURY	POTASSIM	MAGNESIM	MANGANSE
SAMPLE		UNF.TOT.	OXYGEN	ORGANIC	UNF.TOT.		WATER	UNF.TOT.	UNF.REAC	FIL.REAC	UNF.TOT.
DATE HOUR	SAMPLE	MG/L	MG/L	MG/L	MG/L	STREAM	TEMP	UG/L	MG/L	MG/L	MG/L
YYMMDD LMT	NUMBER	AS CU	AS O	AS C	AS FE	COND.	DEG.C	AS HG	AS K	AS MG	AS MN
840109 1300	55301	0.086	16.00	5.3	0.130	4	1.0	0.18	1.26	4.50	0.0090
840305 1300	55305	0.080	17.00	5.6	0.190	4	1.0	0.06	1.20	5.46	0.0130
840402 1300	55307	0.062	12.00	4.9	1.900	4	1.0	0.12	2.30	6.58	0.0620
840611 1300	55309			6.3	0.250	8		0.01	0.72	1.60	0.0200
841022 1030	55310	0.002	11.00	5.9	0.235		13.0	0.01<	0.80	1.80	0.0200
841126 1045	55312	0.005	14.00	7.5	0.285	8	3.0	0.01	0.82	1.80	0.0220
MAXIMUM		0.086	17.00	7.5	1.900		13.0	0.18	2.30	6.58	0.0620
ARITH MEAN		0.047	14.00	5.9	0.498		3.8	0.08	1.18	3.62	0.0243
GEOM MEAN		0.021	13.81	5.9	0.304		2.1		1.09	3.07	0.0200
MINIMUM		0.002	11.00	4.9	0.130		1.0	0.01	0.72	1.60	0.0090
STD DEV (GEOM *)		0.041	2.55	0.9	0.689		5.2		0.59	2.17	0.0191
# SAMP IN STATISTICS		5	5	6	6		5	5	6	6	6
% SAMP (EXCLUDED)								16			

(C O N T D)

B.O.W./ SITE: OTTAWA RIVER
SAMPLE POINT: AT CHENAUX DAM 800' FROM P/Q SHORE
STATION TYPE: RIVER

STATION ID: 18-0000-240-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER

STORET CODE: 02
006

LAT: 45 35 35.60 LONG: 076 40 27.70 U T M: 18 0369400.0 5049999.0 4 REGION: 04 DISTANCE: 303.514

*=INTERIM TEST-NAME:		NAUR	NIUT	NNHTFR	NNOTFR	NNO2FR	NNO3FR	NNTKUR	PBUT	PH	PPUT
				NH3-N				K'DAHL N			
		SODIUM	NICKEL	TOTAL	NO2+NO3N	NO2-N	NO3-N	TOTAL	LEAD		PHOSPHOR
SAMPLE		UNF.REAC	UNF.TOT.	FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	UNF.REAC	UNF.TOT.		UNF.TOT.
DATE HOUR	SAMPLE	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L		MG/L
YYMMDD LMT	NUMBER	AS NA	AS NI	AS N	AS N	AS N	AS N	AS N	AS PB	PH	AS P
840109 1300	55301	3.70	0.001	0.032		0.0030	0.072	0.350	0.003<	7.73	0.019
840305 1300	55305	3.66	0.001<	0.010		0.0020	0.118	0.250	0.003<	7.83	0.021
840402 1300	55307	6.30	0.002	0.040		0.0190	0.496	0.500	0.003<	7.72	0.075
840611 1300	55309	1.86		0.052		0.0025		0.300		7.18	0.018
841022 1030	55310	2.26	0.002	0.014	0.280	0.0040		0.400	0.024	7.30	0.135
841126 1045	55312	2.26	0.002	0.006	0.345	0.0030		0.320	0.023	7.40	0.017
MAXIMUM		6.30	0.002	0.052	0.345	0.0190	0.496	0.500	0.024	7.83	0.135
ARITH MEAN		3.34	0.002	0.026	0.312	0.0056	0.229	0.353	0.023	7.53	0.047
GEOM MEAN		3.05		0.020	0.311	0.0039	0.162	0.345		7.52	0.033
MINIMUM		1.86	0.001	0.006	0.280	0.0020	0.072	0.250	0.023	7.18	0.017
STD DEV (GEOM *)		1.64		0.018	0.046	0.0066	0.233	0.088		0.27	0.048
# SAMP IN STATISTICS		6	4	6	2	6	3	6	2	6	6
% SAMP (EXCLUDED)			20						60		

*=INTERIM TEST-NAME:		SEUT	SSO4UR	TURB	ZNUT
		SELENIUM	SULPHATE		ZINC
SAMPLE		UNF.TOT.	UNF.REAC		UNF.TOT.
DATE HOUR	SAMPLE	MG/L	MG/L	TURB'ITY	MG/L
YYMMDD LMT	NUMBER	AS SE	AS SO4	FTU	AS ZN
840109 1300	55301	0.001<	12.57	3.30	0.008
840305 1300	55305	0.001<	12.90	2.40	0.005
840402 1300	55307	0.001<	11.97	45.00	0.008
840611 1300	55309	0.001<	13.78	3.90	
841022 1030	55310	0.001<	9.09	2.30	0.009
841126 1045	55312	0.001<	8.64	5.50	0.013
MAXIMUM			13.78	45.00	0.013
ARITH MEAN			11.49	10.40	0.009
GEOM MEAN			11.32	5.10	0.008
MINIMUM			8.64	2.30	0.005
STD DEV (GEOM *)			2.12	16.99	0.003
# SAMP IN STATISTICS			6	6	5
% SAMP (EXCLUDED)					

B.O.W./ SITE: KEMPTVILLE CREEK STATION ID: 18-0033-003-02
SAMPLE POINT: HIGHWAY 43, KEMPTVILLE
STATION TYPE: RIVER FLOW GAUGE FED 02LA006 MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: OTTAWA RIVER 006
TERM STREAM: RIDEAU RIVER 1710

LAT: 45 02 10.16 LONG: 075 38 30.33 U T M: 18 0449450.0 4986950.0 4 REGION: 04 DISTANCE: 56.165

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	BOD5	CLIDUR	COND25	CUUT	DO	FCMF	FSMF
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	BOD 5 DAY TOT.DEM. MG/L AS O	CHLORIDE UNF.REAC MG/L AS CL-	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML
840104	1500	58007	0.30	0101	174.5	0.51	11.29	437.0	0.003	8.40		
840206	1620	58019	0.30	0101	205.1	0.88	15.83	496.0	0.005	11.00	21000	390
840306	1520	58030	0.30	0101	145.5	0.38	10.39	344.0	0.002	9.00	1240	30<=>
840403	1300	58041	0.30	0101	115.5	0.86	4.84	263.0	0.001	10.80	500	140<=>
840507	1310	58052	0.30	0101	141.7	0.49	7.68	246.0	0.003	9.70	1120<=>	60<=>
840604	1420	58063	0.30	0101	168.8	0.48	7.56	348.0	0.001	8.60		
840709	1445	58074	0.30	0101	198.1	0.82	22.92	460.0	0.002	7.20	490	10<
840821	1205	58085	0.30	0101	194.1	2.38	45.39	565.0	0.003		10<	10<
840911	1325	58096	0.30	0101	220.6	4.27	50.57	630.0	0.003	7.20	10<	10<
841009	1150	58107	0.30	0101	240.7	5.27	61.18	702.0	0.002	7.40	10<=>	10<
841105	1200	58118	0.30	0101	241.2	1.56	47.13	635.0	0.005	6.70		
841204	1235	58129	0.30	0101	226.5	2.52	36.99	580.0	0.003	7.70	5600	220
		MAXIMUM	0.30		241.2	5.27	61.18	702.0	0.005	11.00	21000	390
		ARITH MEAN	0.30		189.4	1.70	26.81	475.5	0.003	8.52	4280	168
		GEOM MEAN			185.0	1.16	19.45	451.1	0.002	8.41		
		MINIMUM	0.30		115.5	0.38	4.84	246.0	0.001	6.70	10	30
		STD DEV (GEOM *)			40.8	1.62	20.17	151.7	0.001	1.47		
		# SAMP IN STATISTICS	12		12	12	12	12	12	11	7	5
		% SAMP (EXCLUDED)									22	44

*=INTERIM TEST-NAME:			FWFLOW	FWSTRC	FWTEMP	NNHTFR	PBUT	PH	PPUT	TCMF	TCMFBK	TURB
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	STREAM FLOW M3 /S	STREAM COND.	WATER TEMP DEG.C	NH3-N TOTAL FIL.REAC MG/L AS N	LEAD UNF.TOT. MG/L AS PB	PH	PHOSPHOR UNF.TOT. MG/L AS P	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB'ITY FTU
840104	1500	58007	2.990	4 8	1.0	0.136	0.003<	7.88	0.049			1.97
840206	1620	58019	2.010	4 8	0.5	0.262	0.003<	8.14	0.067	120000	600000	2.90
840306	1520	58030	8.360	4 0 8	1.0	0.060	0.003<	7.41	0.021	4300	8000	2.30
840403	1300	58041	23.400	3	3.0	0.028	0.003<	7.54	0.031	3100<=>	31000	3.40
840507	1310	58052	5.360	5 9	14.0	0.080	0.003<	8.07	0.045	3300<=>	42000	2.70
840604	1420	58063	3.500	5 8	18.5	0.070	0.003<	8.17	0.044			4.87
840709	1445	58074	0.180	5 7	23.0	0.568	0.003<	8.20	0.198	150000>	150000>	6.90
840821	1205	58085	0.077	5 7	20.0	0.446	0.003<	8.08	0.400	100<=>	240000>	3.70
840911	1325	58096	0.058	5 7	17.5	0.844	0.005	7.83	0.420	800<=>	240000>	3.70
841009	1150	58107	0.027	5 7	11.5	2.050	0.003<	7.94	0.580	1300	13900	4.30
841105	1200	58118	0.032	6 8	9.0	1.920	0.003<	7.92	0.455			2.20
841204	1235	58129	0.093	6 8	3.5	1.220	0.003<	8.02	0.280	121000<=>	370000	2.70

(C O N T D)

B.O.W./ SITE: KEMPTVILLE CREEK
SAMPLE POINT: HIGHWAY 43, KEMPTVILLE
STATION TYPE: RIVER FLOW GAUGE FED 02LA006

STATION ID: 18-0033-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

LAT: 45 02 10.16 LONG: 075 38 30.33 U T M: 18 0449450.0 4986950.0 4 REGION: 04 DISTANCE: 56.165

*=INTERIM TEST-NAME:			FWFLOW	FWSTRC	FWTEMP	NNHTFR	PBUT	PH	PPUT	TCMF	TCMFBK	TURB
						NH3-N				COLIFORM	COLIFORM	
			STREAM			TOTAL	LEAD			TOTAL	TOTAL MF	
SAMPLE			FLOW		WATER	FIL.REAC	UNF.TOT.		PHOSPHOR	MF	BCKGRD	
DATE	HOUR	SAMPLE	M3	STREAM	TEMP	MG/L	MG/L		UNF.TOT.	CNT	CNT	TURB'ITY
YYMMDD	LMT	NUMBER	/S	COND.	DEG.C	AS N	AS PB	PH	MG/L AS P	/100ML	/100ML	FTU
		MAXIMUM	23.400		23.0	2.050	0.005	8.20	0.580	121000	600000	6.90
		ARITH MEAN	3.841		10.2	0.640	0.005	7.93	0.216	31738	177483	3.47
		GEOM MEAN	0.579		5.7	0.289		7.93	0.122			3.26
		MINIMUM	0.027		0.5	0.028	0.005	7.41	0.021	100	8000	1.97
		STD DEV (GEOM *)	6.705		8.3	0.726		0.24	0.202			1.39
		# SAMP IN STATISTICS	12		12	12	1	12	12	8	6	12
		% SAMP (EXCLUDED)					91			11	33	

*=INTERIM TEST-NAME:			ZNUT
			ZINC
SAMPLE			UNF.TOT.
DATE	HOUR	SAMPLE	MG/L
YYMMDD	LMT	NUMBER	AS ZN
840104	1500	58007	0.014
840206	1620	58019	0.007
840306	1520	58030	0.006
840403	1300	58041	0.005
840507	1310	58052	0.003
840604	1420	58063	0.002
840709	1445	58074	0.003
840821	1205	58085	0.004
840911	1325	58096	0.005
841009	1150	58107	0.004
841105	1200	58118	0.013
841204	1235	58129	0.006
		MAXIMUM	0.014
		ARITH MEAN	0.006
		GEOM MEAN	0.005
		MINIMUM	0.002
		STD DEV (GEOM *)	0.004
		# SAMP IN STATISTICS	12
		% SAMP (EXCLUDED)	

B.O.W./ SITE: TAY RIVER
SAMPLE POINT: 1 MILE DOWNSTREAM FROM PERTH LAGOONS
STATION TYPE: RIVER

STATION ID: 18-0033-008-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

LAT: 44 53 34.96 LONG: 076 11 52.84 U T M: 18 0405400.0 4971550.0 4 REGION: 04 DISTANCE: 114.099

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	BOD5	CLIDUR	COND25	CUUT	DO	FCMF	FSMF
					BOD					FECAL	FECAL
SAMPLE				ALK	5 DAY	CHLORIDE	CONDUCT.	COPPER	DISOLVED	COLIFORM	STREPCUS
DATE	HOUR	SAMPLE	SAMPLE	PROJECT	TOTAL	TOT.DEM.	UNF.REAC	25C	UNF.TOT.	OXYGEN	MF	MF
YYMMDD	LMT	NUMBER	DEPTH M	SUB-PROJ CODE	MG/L AS CACO3	MG/L AS O	MG/L AS CL-	UMHO/CM AT 25 C	MG/L AS CU	MG/L AS O	CNT /100ML	CNT /100ML
840104	0855	58010	0.30	0101	78.8	0.57	8.14	216.0	0.001	11.40		
840206	1100	58022	0.30	0101	82.3	0.94	6.41	212.0	0.004	11.20	950	250
840307	1240	58033	0.30	0101	95.9	0.66	5.04	224.0	0.003	10.20	170	90<=>
840404	1125	58044	0.30	0101	87.5		5.31	211.0	0.001	10.50	40<=>	80<=>
840508	0925	58055	0.30	0101	97.5	0.63	3.91	226.0	0.002	6.00	50<=>	10<
840605	0925	58066	0.30	0101	91.3	0.35<T	4.83	213.0		7.20		
840710	0915	58077	0.30	0101	64.8	0.98	4.95	163.8	0.001	7.00	10<	40<=>
840821	1330	58088	0.30	0101	66.9	0.37<T	5.99	179.0	0.001		30<=>	10<
840912	0915	58099	0.30	0101	63.9	0.45	5.39	171.0	0.002	6.20	13000	120
841009	1340	58110	0.30	0101	62.8	1.20	4.61	165.0	0.001	8.60	10<	60<=>
841105	1100	58121	0.30	0101	62.9	0.66	5.20	165.0		10.00		
841204	1545	58132	0.30	0101	67.8	1.41	7.16	187.0	0.003	13.20	10<	10<
		MAXIMUM	0.30		97.5	1.41	8.14	226.0	0.004	13.20	13000	250
		ARITH MEAN	0.30		76.9	0.75<A	5.58	194.4	0.002	9.23	2373	107
		GEOM MEAN			75.8	0.68<A	5.47	192.9	0.002	8.94		
		MINIMUM	0.30		62.8	0.35	3.91	163.8	0.001	6.00	30	40
		STD DEV (GEOM *)			13.6	0.34<A	1.17	24.8	0.001	2.38		
		# SAMP IN STATISTICS	12		12	11	12	12	10	11	6	6
		% SAMP (EXCLUDED)									33	33

*=INTERIM TEST-NAME:		FWSTRC	FWTEMP	NNHTFR	PBUT	PH	PPUT	TCMF	TCMFBK	TURB	ZNUT
				NH3-N				COLIFORM	COLIFORM		
				TOTAL	LEAD		PHOSPHOR	TOTAL	TOTAL MF		ZINC
SAMPLE			WATER	FIL.REAC	UNF.TOT.		UNF.TOT.	MF	BCKGRD		UNF.TOT.
DATE	HOUR	SAMPLE	STREAM	TEMP	MG/L	MG/L		MG/L	CNT	CNT	TURB'ITY	MG/L
YYMMDD	LMT	NUMBER	COND.	DEG.C	AS N	AS PB	PH	AS P	/100ML	/100ML	FTU	AS ZN
840104	0855	58010	4 8	1.0	0.248	0.003<	7.86	0.045			1.44	0.017
840206	1100	58022	4 0	0.5	0.242	0.003<	7.60	0.039	4500	17000	1.10	0.008
840307	1240	58033	4 0 8	1.0	0.132	0.003<	7.40	0.018	1100	6000	0.95	0.015
840404	1125	58044	3	5.0	0.064	0.003<	7.40	0.024	1300	9000	1.88	0.003
840508	0925	58055	5 8	14.0	0.042	0.003<	7.72	0.018	380<=>	6800	1.70	0.003
840605	0925	58066	5 8	18.5	0.060		7.63	0.028			1.98	
840710	0915	58077	5 8	21.0	0.050	0.003<	7.98	0.055	160<=>	48000>	2.40	0.002
840821	1330	58088	5 7	21.5	0.032	0.003<	8.10	0.021	160<=>	48000>	1.96	0.002
840912	0915	58099	5 7	16.0	0.062	0.004	7.56	0.018	1200000	3900000	2.70	0.022
841009	1340	58110	5 7	11.5	0.072	0.003<	7.67	0.018	100<=>	4000	1.21	0.001
841105	1100	58121	6 8	9.0	0.138		7.62	0.018			2.40	
841204	1545	58132	6 8	1.0	0.184	0.003<	8.07	0.017	340	3800	1.66	0.004

(C O N T D)

B.O.W./ SITE: TAY RIVER
SAMPLE POINT: 1 MILE DOWNSTREAM FROM PERTH LAGOONS
STATION TYPE: RIVER

STATION ID: 18-0033-008-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

LAT: 44 53 34.96 LONG: 076 11 52.84 U T M: 18 0405400.0 4971550.0 4 REGION: 04 DISTANCE: 114.099

*=INTERIM TEST-NAME:			FWSTRC	FWTEMP	NNHTFR NH3-N TOTAL	PBUT	PH	PPUT	TCMF COLIFORM	TCMFBK COLIFORM	TURB	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	FIL.REAC MG/L AS N	LEAD UNF.TOT. MG/L AS PB	PH	PHOSPHOR UNF.TOT. MG/L AS P	TOTAL MF CNT /100ML	TOTAL MF BCKGRD CNT /100ML	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
		MAXIMUM		21.5	0.248	0.004	8.10	0.055	1200000	3900000	2.70	0.022
		ARITH MEAN		10.0	0.110	0.004	7.72	0.027	134227	563800	1.78	0.008
		GEOM MEAN		5.3	0.089		7.71	0.024	1110		1.70	0.005
		MINIMUM		0.5	0.032	0.004	7.40	0.017	100	3800	0.95	0.001
		STD DEV (GEOM *)		8.2	0.077		0.24	0.013	18*		0.55	0.008
		# SAMP IN STATISTICS		12	12	1	12	12	9	7	12	10
		% SAMP (EXCLUDED)				90				22		

B.O.W./ SITE: JOCK RIVER
SAMPLE POINT: AT QUEEN STREET RICHMOND
STATION TYPE: RIVER

STATION ID: 18-0033-017-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

LAT: 45 11 21.49 LONG: 075 49 59.33 U T M: 18 0434550.0 5004100.0 4 REGION: 04 DISTANCE: 44.256

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	COND25	CUUT	DO	FEUT	FWSTRC	FWTEMP
					ALK	ARSENIC	CONDUCT.	COPPER	DISOLVED	IRON		
SAMPLE			SAMPLE	PROJECT	TOTAL	UNF.TOT.	25C	UNF.TOT.	OXYGEN	UNF.TOT.		WATER
DATE	HOUR	SAMPLE	DEPTH	SUB-PROJ	MG/L	MG/L	UMHO/CM	MG/L	MG/L	MG/L	STREAM	TEMP
YYMMDD	LMT	NUMBER	M	CODE	AS CACO3	AS AS	AT 25 C	AS CU	AS O	AS FE	COND.	DEG.C
840104	0950	58000	0.30	0101	153.3	0.001<	376.0	0.002	7.00	0.185	4 8	1.0
840206	0945	58012	0.30	0101	179.0	0.001<	420.0	0.013	8.00	0.280	4 8	0.5
		MAXIMUM	0.30		179.0		420.0	0.013	8.00	0.280		1.0
		ARITH MEAN	0.30		166.1		398.0	0.007	7.50	0.232		0.7
		GEOM MEAN			165.7		397.4	0.005	7.48	0.228		0.7
		MINIMUM	0.30		153.3		376.0	0.002	7.00	0.185		0.5
		STD DEV (GEOM *)			18.2		31.1	0.008	0.71	0.067		0.4
		# SAMP IN STATISTICS	2		2		2	2	2	2		2
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			NIUT	PBUT	PH	PHNOL	PPUT	TURB	ZNUT
			NICKEL	LEAD		PHENOLS	PHOSPHOR		ZINC
SAMPLE			UNF.TOT.	UNF.TOT.		UNF-REAC	UNF.TOT.		UNF.TOT.
DATE	HOUR	SAMPLE	MG/L	MG/L		UG/L	MG/L	TURB'ITY	MG/L
YYMMDD	LMT	NUMBER	AS NI	AS PB	PH	PHENOL	AS P	FTU	AS ZN
840104	0950	58000	0.030	0.003<	7.69	0.2<W	0.024	0.86	0.017
840206	0945	58012	0.006	0.003	7.47	0.8	0.019	1.60	0.008
		MAXIMUM	0.030	0.003	7.69	0.8	0.024	1.60	0.017
		ARITH MEAN	0.018	0.003	7.58	0.5<A	0.021	1.23	0.012
		GEOM MEAN	0.013		7.58	0.4<A	0.021	1.17	0.012
		MINIMUM	0.006	0.003	7.47	0.2	0.019	0.86	0.008
		STD DEV (GEOM *)	0.017		0.16	0.4<A	0.004	0.52	0.006
		# SAMP IN STATISTICS	2	1	2	2	2	2	2
		% SAMP (EXCLUDED)		50					

B.O.W./ SITE: TAY RIVER
SAMPLE POINT: AT DAM IN BOLINGBROKE
STATION TYPE: RIVER

STATION ID: 10-0033-023 02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

LAT: 44 45 36.11 LONG: 076 31 11.91 U T M: 18 0379700.0 4957200.0 4 REGION: 04 DISTANCE: 151.596

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT ALK	ASUT ARSENIC	CONDAM CONDUCT.	COND25 CONDUCT.	CUUT COPPER	DO DISOLVED	FEUT IRON	FWPH
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	TOTAL MG/L AS CACO3	UNF.TOT. MG/L AS AS	AMBIENT UMHO/CM AMBIENT	25C UMHO/CM AT 25 C	UNF.TOT. MG/L AS CU	OXYGEN MG/L AS O	UNF.TOT. MG/L AS FE	PH FIELD
840104	1005	58011	0.30	0101	58.0	0.001<		144.0	0.001<	13.00	0.090	
840206	1100	58023	0.30	0101	53.7	0.001<		149.0	0.005	13.80	0.025<T	
840307	1030	58034	0.30	0101	57.5	0.001<		139.0	0.004	12.10	0.065	
840404	1445	58045	0.30	0101	55.2	0.001<		139.0	0.002	11.60	0.060	
840508	1025	58056	0.30	0101	54.1	0.001<		134.5	0.001	9.70	0.055	
840605	1025	58067	0.30	0101	54.8	0.001<		136.3	0.001	8.60	0.035<T	
840710	1010	58078	0.30	0101	53.5	0.001<	58	132.6	0.001		0.035	9.00
840821	1415	58089	0.30	0101	53.1	0.001<		132.0	0.001		0.038<T	
840912	1015	58100	0.30	0101	54.1	0.001<		136.0	0.001	7.90	0.050	
841009	1425	58111	0.30	0101	54.1	0.001<		135.0	0.001	9.20	0.110	
841105	1455	58122	0.30	0101	54.8	0.001<		130.0	0.002	9.80	0.095	
841204	1455	58133	0.30	0101	53.9	0.001<		137.0	0.001	12.20	0.075	
		MAXIMUM	0.30		58.0		58	149.0	0.005	13.80	0.110	9.00
		ARITH MEAN	0.30		54.7		58	137.0	0.002	10.79	0.061<A	9.00
		GEOM MEAN			54.7			136.9		10.62	0.056<A	
		MINIMUM	0.30		53.1		58	130.0	0.001	7.90	0.025	9.00
		STD DEV (GEOM *)			1.5			5.3		2.00	0.027<A	
		# SAMP IN STATISTICS	12		12		1	12	11	10	12	1
		% SAMP (EXCLUDED)							8			

*=INTERIM TEST-NAME:			FWSTRC	FWTEMP	NIUT NICKEL	PBUT LEAD	PH	PHNOL PHENOLS	PPUT PHOSPHOR	TURB	ZNUT ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	UNF.TOT. MG/L AS NI	UNF.TOT. MG/L AS PB	PH	UNF-REAC UG/L PHENOL	UNF.TOT. MG/L AS P	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
840104	1005	58011	8	2.0	0.002<	0.003<	7.95	0.2<W	0.014	0.57	0.002
840206	1100	58023	8	0.5	0.002<	0.003<	7.38	0.2<W	0.004<T	0.58	0.004
840307	1030	58034	8	1.0	0.006	0.003<	7.45	0.4<T	0.003<T	0.71	0.004
840404	1445	58045	3	5.5	0.002<	0.003<	7.39	0.2<W	0.008	0.82	0.008
840508	1025	58056	6 8	11.5	0.001<	0.003<	7.76	0.2<W	0.011	0.88	0.003
840605	1025	58067	5 8	17.5	0.002<	0.003<	7.80	0.8	0.011	1.88	0.001
840710	1010	58078		21.5	0.002<	0.003<	8.16		0.001<W	4.50	0.001<
840821	1415	58089	5 8	23.0	0.002<	0.003<	8.22	0.2<W	0.011	1.15	0.002
840912	1015	58100	5 8	18.0	0.002<	0.003<	7.79	0.6<T	0.009	5.50	0.095
841009	1425	58111	5 8	13.5	0.002<	0.003<	7.84	0.2<T	0.015	1.35	0.001
841105	1455	58122	6 8	10.0	0.002<	0.003<	7.84	0.6<T	0.017	1.32	0.004
841204	1455	58133	6 8	2.5	0.002<	0.003<	8.06	1.2	0.013	1.84	0.004

(C O N T D)

B.O.W./ SITE: TAY RIVER
SAMPLE POINT: AT DAM IN BOLINGBROKE
STATION TYPE: RIVER

STATION ID: 18-0033-023-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

LAT: 44 45 36.11 LONG: 076 31 11.91 U T M: 18 0379700.0 4957200.0 4 REGION: 04 DISTANCE: 151.596

*=INTERIM TEST-NAME: SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	NIUT NICKEL UNF.TOT. MG/L AS NI	PBUT LEAD UNF.TOT. MG/L AS PB	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	PPUT PHOSPHOR UNF.TOT. MG/L AS P	TURB TURB'ITY FTU	ZNUT ZINC UNF.TOT. MG/L AS ZN
MAXIMUM				23.0	0.006		8.22	1.2	0.017	5.50	0.095
ARITH MEAN				10.5	0.006		7.80	0.4<A	0.010<A	1.76	0.012
GEOM MEAN				6.2			7.80	0.3<A	0.008<A	1.33	
MINIMUM				0.5	0.006		7.38	0.2	0.001	0.57	0.001
STD DEV (GEOM *)				8.2			0.28	0.3<A	0.005<A	1.59	
# SAMP IN STATISTICS				12	1		12	11	12	12	11
% SAMP (EXCLUDED)					91						8

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: AT DAM IN KILMARNOCK
STATION TYPE: RIVER

STATION ID: 18-0033-026-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

LAT: 44 53 14.85 LONG: 075 55 39.17 U T M: 18 0426750.0 4970650.0 4 REGION: 04 DISTANCE: 88.190

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	BOD5	CLIDUR	COND25	CUUT	DO	FCMF	FSMF
					ALK	BOD 5 DAY	CHLORIDE	CONDUCT.	COPPER	DISOLVED	FECAL COLIFORM	FECAL STREPCUS
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	TOTAL MG/L AS CACO3	TOT.DEM. MG/L AS O	UNF.REAC MG/L AS CL-	25C UMHO/CM AT 25 C	UNF.TOT. MG/L AS CU	OXYGEN MG/L AS O	MF CNT /100ML	MF CNT /100ML
840104	0855	58009	0.30	0101	102.7	1.11	6.62	251.0	0.001	13.20		
840206	0930	58021	0.30	0101	100.6	0.69	7.77	251.0	0.005	14.10	1260	190
840307	0920	58032	0.30	0101	90.5	0.60	6.80	235.0	0.002	13.20	1280	150
840404	1024	58043	0.30	0101	106.7	0.75	7.72	259.0	0.001	12.80	60<=>	20<=>
840507	1405	58054	0.30	0101	95.1	0.53	6.15	279.0	0.003	10.70	80<=>	40<=>
840605	0820	58065	0.30	0101	97.3	0.43<T	6.08	228.0	0.001	8.90		
840710	0820	58076	0.30	0101	86.7	0.64	6.48	205.0	0.001	8.00	10<	10<=>
840821	1245	58087	0.30	0101	76.9	0.51	5.99	186.0	0.001		10<	10<
840912	0825	58098	0.30	0101	75.8	0.50	5.89	190.0	0.002	7.80	10<	10<
841009	1250	58109	0.30	0101	88.8	1.12	6.57	217.0	0.001	10.20	10<	10<
841105	1310	58120	0.30	0101	102.2	1.13	7.58	240.0		10.00		
841204	1340	58131	0.30	0101	103.4	2.78	7.08	240.0	0.005	12.90	20<	20<
		MAXIMUM	0.30		106.7	2.78	7.77	279.0	0.005	14.10	1280	190
		ARITH MEAN	0.30		93.9	0.90<A	6.73	231.7	0.002	11.07	670	82
		GEOM MEAN			93.3	0.77<A	6.70	230.2	0.002	10.85		
		MINIMUM	0.30		75.8	0.43	5.89	186.0	0.001	7.80	60	10
		STD DEV (GEOM *)			10.3	0.64<A	0.68	28.0	0.002	2.27		
		# SAMP IN STATISTICS	12		12	12	12	12	11	11	4	5
		% SAMP (EXCLUDED)									55	44

*=INTERIM TEST-NAME:			FWSTRC	FWTEMP	NNHTFR	PBUT	PH	PPUT	TCMF	TCMFBK	TURB	ZNUT
					NH3-N TOTAL	LEAD		PHOSPHOR	COLIFORM TOTAL MF	COLIFORM TOTAL MF		ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	FIL.REAC MG/L AS N	UNF.TOT. MG/L AS PB	PH	UNF.TOT. MG/L AS P	BCKGRD CNT /100ML	BCKGRD CNT /100ML	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
840104	0855	58009	8	1.0	0.094	0.003<	7.74	0.027			1.30	0.004
840206	0930	58021	8	0.5	0.096	0.003<	7.90	0.023	4700	3500	1.70	0.003
840307	0920	58032	8	0.5	0.066	0.003<	7.44	0.021	4500	1700	1.74	0.005
840404	1024	58043	3	6.5	0.032	0.003<	7.86	0.021	500<=>	6200	2.20	0.004
840507	1405	58054	5 8	15.0	0.072	0.003<	8.07	0.030	460	1220	3.90	0.003
840605	0820	58065	5 8	18.0	0.070	0.003<	8.03	0.028			5.50	0.002
840710	0820	58076	5 8	20.5	0.062	0.003<	8.66	0.103	100<=>	48000>	4.60	0.001
840821	1245	58087	5 7	20.5	0.048	0.003<	8.95	0.027	20<	2800	1.13	0.003
840912	0825	58098	5 8	1.5	0.038	0.003<	8.49	0.018	20<=>	1800	3.80	0.007
841009	1250	58109	5 8	11.5	0.042	0.003<	8.32	0.021	40<=>	360	1.79	0.002
841105	1310	58120	6 8	8.0	0.076		7.82	0.041			5.50	
841204	1340	58131	6 8	0.5	0.044	0.003	8.06	0.188	1000	4900	46.00	0.018

(C O N T D)

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: AT DAM IN KILMARNOCK
STATION TYPE: RIVER

STATION ID: 18-0033-026-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

LAT: 44 53 14.85 LONG: 075 55 39.17 U T M: 18 0426750.0 4970650.0 4 REGION: 04 DISTANCE: 88.190

*=INTERIM TEST-NAME:			FWSTRC	FWTEMP	NNHTFR NH3-N TOTAL	PBUT LEAD	PH	PPUT PHOSPHOR	TCMF COLIFORM TOTAL	TCMFBK COLIFORM TOTAL MF	TURB	ZNUT ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	FIL.REAC MG/L AS N	UNF.TOT. MG/L AS PB	PH	UNF.TOT. MG/L AS P	MF CNT /100ML	BCKGRD CNT /100ML	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
		MAXIMUM		20.5	0.096	0.003	8.95	0.188	4700	6200	46.00	0.018
		ARITH MEAN		8.7	0.062	0.003	8.11	0.046	1415	2810	6.60	0.005
		GEOM MEAN		3.9	0.058		8.10	0.033			3.29	0.004
		MINIMUM		0.5	0.032	0.003	7.44	0.018	20	360	1.13	0.001
		STD DEV (GEOM *)		8.2	0.021		0.42	0.050			12.51	0.005
		# SAMP IN STATISTICS		12	12	1	12	12	8	8	12	11
		% SAMP (EXCLUDED)				90			11	11		

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: DNSTR.FROM CONFLUENCE WITH JOCK RIVER
STATION TYPE: RIVER

STATION ID: 18-0033-028-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

LAT: 45 15 46.24 LONG: 075 42 22.05 U T M: 18 0444600.0 5012175.0 4 REGION: 04 DISTANCE: 24.461

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	COND25	CUUT	DO	FEUT	FWSTRC	FWTEMP	NNHTFR
												NH3-N
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	IRON UNF.TOT. MG/L AS FE	STREAM COND.	WATER TEMP DEG.C	TOTAL FIL.REAC MG/L AS N
840104	1045	58002	0.30	0101	158.0	399.0	0.002	10.20	0.225	4 8	1.0	0.040
840306	1015	58025	0.30	0101	152.5	383.0	0.002	10.10	0.225	8	1.0	0.036
840403	0950	58036	0.30	0101	119.5	300.0	0.003	11.70	0.900	3	4.0	0.050
840507	0935	58047	0.30	0101	131.1	318.0	0.003	9.90	0.190	5 8	12.5	0.052
840604	1040	58058	0.30	0101	146.4	329.0	0.002	9.50	0.275	5 8	17.5	0.106
840709	1020	58069	0.30	0101	122.5	279.0	0.002	8.10	0.480	5 8	22.5	0.190
840821	0940	58080	0.30	0101	104.9	250.0	0.003		0.207	5 8	20.5	0.048
840911	0945	58091	0.30	0101	100.6	260.0	0.001	8.20	0.190	5 8	18.5	0.070
841009	0830	58102	0.30	0101	93.8	235.0	0.001	9.40	0.145	5 8	12.0	0.040
841105	1035	58113	0.30	0101	105.3	265.0	0.002	11.20	0.210	6 8	8.5	0.058
841204	0920	58124	0.30	0101	142.5	360.0	0.001	12.60	0.140	6 8	1.0	0.062
		MAXIMUM	0.30		158.0	399.0	0.003	12.60	0.900		22.5	0.190
		ARITH MEAN	0.30		125.2	307.1	0.002	10.09	0.290		10.8	0.068
		GEOM MEAN			123.3	302.6	0.002	10.00	0.245		6.4	0.060
		MINIMUM	0.30		93.8	235.0	0.001	8.10	0.140		1.0	0.036
		STD DEV (GEOM *)			22.5	55.6	0.001	1.43	0.222		8.2	0.045
		# SAMP IN STATISTICS	11		11	11	11	10	11		11	11
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			PBUT	PH	PHNOL	PPUT	RSP	TURB	ZNUT
			LEAD		PHENOLS	PHOSPHOR			ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS PB	PH	UNF-REAC UG/L PHENOL	UNF.TOT. MG/L AS P	RESIDUE PARTIC. MG/L	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
840104	1045	58002	0.003<	7.43	0.2<T	0.032	3.080	2.80	0.007
840306	1015	58025	0.003<	7.65	0.2<N	0.018	3.480	2.50	0.004
840403	0950	58036	0.003<	7.66	0.2<N	0.078	22.700	17.40	0.010
840507	0935	58047	0.003<	8.14	0.2<N	0.027	9.012	3.40	0.004
840604	1040	58058	0.003<	7.94	0.2<N	0.037	1.248	4.66	0.004
840709	1020	58069	0.003<	8.44	0.2<T	0.061	9.877	8.20	0.004
840821	0940	58080	0.003<	8.37		0.075	8.624	10.90	0.010
840911	0945	58091	0.003<	8.13	0.8	0.047	5.404	4.10	0.004
841009	0830	58102	0.003<	8.19	0.2<T	0.033	2.796	3.10	0.003
841105	1035	58113	0.003<	8.07	0.2<T	0.038	3.852	3.20	0.004
841204	0920	58124	0.003<	8.20	0.8	0.027	5.064	2.20	0.003

(C O N T D)

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: DNSTR.FROM CONFLUENCE WITH JOCK RIVER
STATION TYPE: RIVER

STATION ID: 18-0033-028-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

LAT: 45 15 46.24 LONG: 075 42 22.05 U T M: 18 0444600.0 5012175.0 4 REGION: 04 DISTANCE: 24.461

*=INTERIM TEST-NAME: SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PBUT LEAD UNF.TOT. MG/L AS PB	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	PPUT PHOSPHOR UNF.TOT. MG/L AS P	RSP RESIDUE PARTIC. MG/L	TURB TURB'ITY FTU	ZNUT ZINC UNF.TOT. MG/L AS ZN
MAXIMUM				8.44	0.8	0.078	22.700	17.40	0.010
ARITH MEAN				8.02	0.3<A	0.043	6.831	5.68	0.005
GEOM MEAN				8.01	0.3<A	0.039	5.158	4.50	0.005
MINIMUM				7.43	0.2	0.018	1.248	2.20	0.003
STD DEV (GEOM *)				0.32	0.3<A	0.020	5.965	4.72	0.003
# SAMP IN STATISTICS				11	10	11	11	11	11
% SAMP (EXCLUDED)									

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: AT BRIDGE DOWNSTREAM OF KARS
STATION TYPE: RIVER

STATION ID: 18-0033-029-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

LAT: 45 09 42.39 LONG: 075 38 03.34 U T M: 18 0450150.0 5000900.0 4 REGION: 04 DISTANCE: 38.945

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT ALK	ASUT ARSENIC	COND25 CONDUCT.	CUUT COPPER	DO DISOLVED	FEUT IRON	FWSTRC	FWTEMP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	TOTAL MG/L AS CACO3	UNF.TOT. MG/L AS AS	25C UMHO/CM AT 25 C	UNF.TOT. MG/L AS CU	OXYGEN MG/L AS O	UNF.TOT. MG/L AS FE	STREAM COND.	WATER TEMP DEG.C
840104	1405	58006	0.30	0101	131.0	0.001<	322.0	0.002	11.70	0.095	4 8	1.0
840206	1545	58018	0.30	0101	135.0	0.001<	325.0	0.008	12.10	0.160	4 8	0.5
840306	1430	58029	0.30	0101	122.5	0.001<	295.0	0.002	11.60	0.160	4 0 8	0.5
840403	1230	58040	0.30	0101	112.3	0.001<	266.0	0.001	11.70	0.270	3	2.0
840507	1235	58051	0.30	0101	119.9	0.001<	280.0	0.002	10.20	0.165	5 8	13.5
840604	1345	58062	0.30	0101	125.2	0.001<	281.0	0.002	10.80	0.110	5 8	18.5
840709	1410	58073	0.30	0101	109.0	0.001<	243.0	0.001	9.20	0.080	5 8	23.0
840821	1135	58084	0.30	0101	95.3	0.001<	220.0	0.001<		0.152	5 8	21.0
840911	1255	58095	0.30	0101	86.0	0.001<	215.0	0.001	8.40	0.095	5 8	18.0
841009	0900	58106	0.30	0101	85.1	0.001<	208.0	0.001	9.70	0.105	5 8	12.0
841105	1130	58117	0.30	0101	101.8	0.001<	240.0	0.002	9.90	0.120	6 8	9.0
841204	1205	58128	0.30	0101	124.1	0.001<	295.0	0.001		0.115	6 8	26.0
		MAXIMUM	0.30		135.0		325.0	0.008	12.10	0.270		26.0
		ARITH MEAN	0.30		112.3		265.8	0.002	10.53	0.136		12.1
		GEOM MEAN			111.0		263.0		10.46	0.128		6.2
		MINIMUM	0.30		85.1		208.0	0.001	8.40	0.080		0.5
		STD DEV (GEOM *)			17.0		40.5		1.24	0.051		9.4
		# SAMP IN STATISTICS	12		12		12	11	10	12		12
		% SAMP (EXCLUDED)						8				

*=INTERIM TEST-NAME:			NIUT NICKEL	PBUT LEAD	PH	PHNOL PHENOLS	PPUT PHOSPHOR	TURB	ZNUT ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS NI	UNF.TOT. MG/L AS PB	PH	UNF-REAC UG/L PHENOL	UNF.TOT. MG/L AS P	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
840104	1405	58006	0.002	0.003<	8.00	0.2<W	0.025	1.65	0.011
840206	1545	58018	0.002<	0.003<	7.63	0.2<W	0.021	1.60	0.008
840306	1430	58029	0.002<	0.003<	7.46	0.6<T	0.018	2.30	0.007
840403	1230	58040	0.002<	0.003<	7.62	-0.2<T	0.042	6.30	0.005
840507	1235	58051	0.001<	0.003<	8.05	0.2<W	0.033	3.50	0.012
840604	1345	58062	0.002<	0.003<	8.22	0.6<T	0.041	4.45	0.002
840709	1410	58073	0.002<	0.003<	8.78	0.2<T	0.054	4.10	0.003<
840821	1135	58084	0.002<	0.003<	8.33	0.2<W	0.081	9.80	0.005
840911	1255	58095	0.002	0.003<	8.25	0.2<T	0.058	5.30	0.006
841009	0900	58106	0.002<	0.003<	8.38	0.6<T	0.031	1.58	0.003
841105	1130	58117	0.002<	0.003<	8.03	0.8	0.030	2.30	0.005
841204	1205	58128	0.002<	0.003<	8.25		0.023	2.50	0.004

(C O N T D)

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: AT BRIDGE DOWNSTREAM OF KARS
STATION TYPE: RIVER

STATION ID: 18-0033-029-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

LAT: 45 09 42.39 LONG: 075 38 03.34 U T M: 18 0450150.0 5000900.0 4 REGION: 04 DISTANCE: 38.945

%=INTERIM TEST-NAME: SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	NIUT NICKEL UNF.TOT. MG/L AS NI	PBUT LEAD UNF.TOT. MG/L AS PB	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	PPUT PHOSPHOR UNF.TOT. MG/L AS P	TURB TURB'ITY FTU	ZNUT ZINC UNF.TOT. MG/L AS ZN
MAXIMUM			0.002		8.78	0.8	0.081	9.80	0.012
ARITH MEAN			0.002		8.08	0.3<A	0.038	3.78	0.006
GEOM MEAN					8.08		0.035	3.20	
MINIMUM			0.002		7.46	-0.2	0.018	1.58	0.002
STD DEV (GEOM %)					0.37		0.018	2.44	
# SAMP IN STATISTICS			2		12	11	12	12	11
% SAMP (EXCLUDED)			83						8

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: AT HOG'S BACK ROAD OTTAWA
STATION TYPE: RIVER

STATION ID: 18-0033-031-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02 006 1710

LAT: 45 22 14.50 LONG: 075 41 50.10 U T M: 18 0445400.0 5024150.0 4 REGION: 04 DISTANCE: 11.426

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	COND25	CUUT	DO	FEUT	FWSTRC	FWTEMP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	IRON UNF.TOT. MG/L AS FE	STREAM COND.	WATER TEMP DEG.C
840104	1045	58003	0.30	0101	132.2	0.001<	343.0	0.003	13.00	0.155	8	1.0
840206	1150	58015	0.30	0101	146.6	0.001<	378.0	0.011	11.20	0.180	6 8	0.5
840306	1055	58026	0.30	0101	132.5	0.001<	324.0	0.003	12.60	0.195	8	0.5
840403	1025	58037	0.30	0101	113.4	0.001<	284.0	0.004	12.00	1.075	3	2.0
840507	1005	58048	0.30	0101	125.4	0.001<	305.0	0.002	9.80	0.200	5 8	12.0
840604	1110	58059	0.30	0101	133.6	0.001<	317.0	0.002	9.90	0.245	5 8	17.0
840709		58070	0.30	0101	133.4	0.001<	316.0	0.001	8.30	0.175	5 8	22.5
840821	1005	58081	0.30	0101	111.9	0.001<	275.0	0.001		0.234	5 8	21.0
840911	1015	58092	0.30	0101	112.5	0.001<	295.0	0.002	8.20	0.150	5 8	18.5
841009	1050	58103	0.30	0101	98.7	0.001<	252.0	0.001	10.60	0.195	5 8	12.0
841105	1005	58114	0.30	0101	101.4	0.001<	250.0	0.003	10.90	0.490	6 8	8.0
841204	1045	58125	0.30	0101	136.3	0.001<	355.0	0.001		0.150	6 8	1.5
		MAXIMUM	0.30		146.6		378.0	0.011	13.00	1.075		22.5
		ARITH MEAN	0.30		123.2		307.8	0.003	10.65	0.287		9.7
		GEOM MEAN			122.3		305.5	0.002	10.53	0.233		4.7
		MINIMUM	0.30		98.7		250.0	0.001	8.20	0.150		0.5
		STD DEV (GEOM *)			15.1		39.4	0.003	1.64	0.265		8.6
		# SAMP IN STATISTICS	12		12		12	12	10	12		12
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			NIUT	PBUT	PH	PHNOL	PPUT	TURB	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	NICKEL UNF.TOT. MG/L AS NI	LEAD UNF.TOT. MG/L AS PB	PH	PHENOLS UNF-REAC UG/L PHENOL	PHOSPHOR UNF.TOT. MG/L AS P	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840104	1045	58003	0.002<	0.003<	7.50	0.2<W	0.030	3.10	0.004
840206	1150	58015	0.002<	0.003<	7.74	0.2<W	0.015	3.30	0.005
840306	1055	58026	0.002	0.003<	7.55	0.2<W	0.015	2.60	0.003
840403	1025	58037	0.004	0.003<	7.56	0.2<W	0.083	19.00	0.007
840507	1005	58048	0.001<	0.003<	8.00	0.2<W	0.029	4.10	0.004
840604	1110	58059	0.002<	0.003<	7.82	0.2<T	0.036	5.65	0.003
840709		58070	0.002<	0.003<	8.30	0.2<T	0.036	8.90	0.002
840821	1005	58081	0.002<	0.003<	8.54		0.072	11.70	0.002
840911	1015	58092	0.002	0.003	7.96	0.4<T	0.075	6.90	0.002
841009	1050	58103	0.002<	0.003<	8.22	0.4<T	0.059	3.70	0.003
841105	1005	58114	0.002<	0.003<	8.05	0.2<T	0.040	8.60	0.010
841204	1045	58125	0.002	0.003<	8.23	1.0	0.027	2.60	0.004

(C O N T D)

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: AT HOG'S BACK ROAD OTTAWA
STATION TYPE: RIVER

STATION ID: 18-0033-031-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

LAT: 45 22 14.50 LONG: 075 41 50.10 U T M: 18 0445400.0 5024150.0 4 REGION: 04 DISTANCE: 11.426

*=INTERIM TEST-NAME: SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	NIUT NICKEL UNF.TOT. MG/L AS NI	PBUT LEAD UNF.TOT. MG/L AS PB	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	PPUT PHOSPHOR UNF.TOT. MG/L AS P	TURB TURB'ITY FTU	ZNUT ZINC UNF.TOT. MG/L AS ZN
MAXIMUM			0.004	0.003	8.54	1.0	0.083	19.00	0.010
ARITH MEAN			0.002	0.003	7.96	0.3<A	0.043	6.68	0.004
GEOM MEAN					7.95	0.3<A	0.037	5.46	0.004
MINIMUM			0.002	0.003	7.50	0.2	0.015	2.60	0.002
STD DEV (GEOM *)					0.33	0.2<A	0.023	4.86	0.002
# SAMP IN STATISTICS			4	1	12	11	12	12	12
% SAMP (EXCLUDED)			66	91					

B.O.W./ SITE: RIDEAU RIVER STATION ID: 18-0033-034-02
SAMPLE POINT: ST. PATRICK STREET BRIDGE OTTAWA
STATION TYPE: RIVER FLOW GAUGE FED 02LA004 MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: OTTAWA RIVER 006
TERM STREAM: RIDEAU RIVER 1710

LAT: 45 26 13.88 LONG: 075 40 44.00 U T M: 18 0446900.0 5031525.0 4 REGION: 04 DISTANCE: 1.609

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ALUT	ASUT	CAUR	CDUT	CLIDUR	COND25	CRUT
					ALK	ALUMINUM	ARSENIC	CALCIUM	CADMIUM	CHLORIDE	CONDUCT.	CHROMIUM
SAMPLE			SAMPLE	PROJECT	TOTAL	UNF.TOT.	UNF.TOT.	UNF.REAC	UNF.TOT.	UNF.REAC	25C	UNF.TOT.
DATE	HOUR	SAMPLE	DEPTH	SUB-PROJ	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UMHO/CM	MG/L
YYMMDD	LMT	NUMBER	M	CODE	AS CACO3	AS AL	AS AS	AS CA	AS CD	AS CL-	AT 25 C	AS CR
840206	1255	58016	0.30	0101	148.8	0.072	0.001<	44.6	0.0002<	37.49	450.0	0.012
840306	1230	58027	0.30	0101	130.5						331.0	
840403		58038	0.30	0101	113.7	0.780	0.001<	34.00	0.0002<	11.77	290.0	0.003
840507	1040	58049	0.30	0101	125.5	0.240	0.001<	39.00	0.0002<	11.92	309.0	0.003
840604	1150	58060	0.30	0101	138.4	0.140	0.001<	42.30	0.0003<	12.76	325.0	0.002
840709	1120	58071	0.30	0101	136.9	0.074	0.001<	39.90	0.0002<	18.66	347.0	0.002
840821	1005	58082	0.30	0101	116.8						310.0	
840911	1045	58093	0.30	0101	117.6						330.0	
841009	1020	58104	0.30	0101	101.5	0.140	0.001<	31.10	0.0002<	14.89	280.0	0.002
841105	0935	58115	0.30	0101	103.1	0.210	0.001<	29.30	0.0002<	13.01	265.0	0.002
841204	1020	58126	0.30	0101	139.8	0.110	0.001<	41.70	0.0002<	26.01	385.0	0.002
		MAXIMUM	0.30		148.8	0.780		44.6		37.49	450.0	0.012
		ARITH MEAN	0.30		124.8	0.221		37.7		18.31	329.3	0.003
		GEOM MEAN			123.9	0.161		37.4		16.79	325.9	0.003
		MINIMUM	0.30		101.5	0.072		29.30		11.77	265.0	0.002
		STD DEV (GEOM *)			15.6	0.234		5.6		9.11	51.9	0.003
		# SAMP IN STATISTICS	11		11	8		8		8	11	8
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			CUUT	DO	DOC	FEUT	FWFLOW	FWSTRC	FWTEMP	HGUT	KKUR	MGUR
					CARBON							
			COPPER	DISOLVED	DISOLVED	IRON	STREAM			MERCURY	POTASSIM	MAGNESIM
SAMPLE			UNF.TOT.	OXYGEN	ORGANIC	UNF.TOT.	FLOW		WATER	UNF.TOT.	UNF.REAC	FIL.REAC
DATE	HOUR	SAMPLE	MG/L	MG/L	MG/L	MG/L	M3	STREAM	TEMP	UG/L	MG/L	MG/L
YYMMDD	LMT	NUMBER	AS CU	AS O	AS C	AS FE	/S	COND.	DEG.C	AS HG	AS K	AS MG
840206	1255	58016	0.001	13.20	8.4	0.180	19.500	6 4 8	0.5	0.01<	1.86	12.70
840306	1230	58027	0.003	14.10		0.265	73.400	8	0.5	0.01<		
840403		58038	0.005	14.40	5.4	1.125	183.000	3	2.5	0.03	1.80	9.70
840507	1040	58049	0.004	10.20	8.3	0.215	53.000	5 8	13.0	0.01	1.40	11.20
840604	1150	58060	0.002	9.70	8.8	0.260	36.700	5 8	17.0	0.01<	1.20	12.10
840709	1120	58071	0.002	7.10	9.1	0.140	6.000	5 8	22.0	0.01<	1.24	10.95
840821	1005	58082	0.002			0.142	8.540	5 7	20.0			
840911	1045	58093	0.002	7.10		0.120	7.250	5 7	18.0	0.01		
841009	1020	58104	0.003	9.00	6.9	0.185	7.600	5 8	12.0	0.02	0.98	9.58
841105	0935	58115	0.004	10.60	5.8	0.295	12.900	6 8	8.0	0.01	1.00	9.00
841204	1020	58126	0.003	12.40	6.3	0.175	10.500	6 8	1.5	0.02	2.30	11.40

(C O N T D)

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: ST. PATRICK STREET BRIDGE OTTAWA
STATION TYPE: RIVER FLOW GAUGE FED 02LA004

STATION ID: 18-0033-034-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

LAT: 45 26 13.88 LONG: 075 40 44.00 U T M: 18 0446900.0 5031525.0 4 REGION: 04 DISTANCE: 1.609

*=INTERIM TEST-NAME:		CUUT	DO	DOC	FEUT	FWFLOW	FWSTRC	FWTEMP	HGUT	KKUR	MGUR
		COPPER	DISOLVED	CARBON DISOLVED	IRON	STREAM			MERCURY	POTASSIM	MAGNESIM
SAMPLE DATE HOUR YYMMDD LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS CU	OXYGEN MG/L AS O	ORGANIC MG/L AS C	UNF.TOT. MG/L AS FE	FLOW M3 /S	STREAM COND.	WATER TEMP DEG.C	UNF.TOT. UG/L AS HG	UNF.REAC MG/L AS K	FIL.REAC MG/L AS MG
MAXIMUM		0.005	14.40	9.1	1.125	183.000		22.0	0.03	2.30	12.70
ARITH MEAN		0.003	10.78	7.4	0.282	38.035		10.5	0.02	1.47	10.83
GEOM MEAN		0.003	10.47	7.2	0.223	19.909		5.6		1.41	10.76
MINIMUM		0.001	7.10	5.4	0.120	6.000		0.5	0.01	0.98	9.00
STD DEV (GEOM *)		0.001	2.67	1.4	0.285	52.910		8.3		0.47	1.30
# SAMP IN STATISTICS		11	10	8	11	11		11	6	8	8
% SAMP (EXCLUDED)									40		

*=INTERIM TEST-NAME:		MNUT	NAUR	NIUT	NNHTFR	NNOTFR	NNO2FR	NNO3FR	NNTKUR	PBUT	PH
		MANGANSE	SODIUM	NICKEL	NH3-N TOTAL	NO2+NO3N	NO2-N	NO3-N	K'DAHL N TOTAL	LEAD	
SAMPLE DATE HOUR YYMMDD LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS MN	UNF.REAC MG/L AS NA	UNF.TOT. MG/L AS NI	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	UNF.REAC MG/L AS N	UNF.TOT. MG/L AS PB	PH
840206 1255	58016	0.0590	20.80	0.001	0.118		0.0065	0.328	1.370	0.003<	7.99
840306 1230	58027				0.040					0.003<	7.67
840403	58038	0.0700	6.70	0.004	0.048		0.0110	0.724	0.590	0.003<	7.68
840507 1040	58049	0.0440	6.90	0.003	0.048		0.0080	0.167	0.470	0.003<	8.08
840604 1150	58060	0.0460	7.40	0.001	0.100		0.0175		0.690	0.003<	8.14
840709 1120	58071	0.0890	10.56	0.001<	0.174	0.075	0.0230		0.730	0.003<	8.05
840821 1005	58082				0.044					0.003	8.16
840911 1045	58093				0.048					0.003	7.90
841009 1020	58104	0.0520	8.70	0.002	0.022	0.045	0.0060		0.660	0.003<	8.00
841105 0935	58115	0.0520	7.56	0.002	0.056	0.100	0.0070		0.580	0.003<	8.04
841204 1020	58126	0.0330	14.90	0.001<	0.048	0.170	0.0060		0.550	0.003<	8.24
MAXIMUM		0.0890	20.80	0.004	0.174	0.170	0.0230	0.724	1.370	0.003	8.24
ARITH MEAN		0.0556	10.44	0.002	0.068	0.097	0.0106	0.406	0.705	0.003	8.00
GEOM MEAN		0.0534	9.62		0.058	0.087	0.0093	0.341	0.669		7.99
MINIMUM		0.0330	6.70	0.001	0.022	0.045	0.0060	0.167	0.470	0.003	7.67
STD DEV (GEOM *)		0.0173	4.99		0.045	0.053	0.0063	0.287	0.281		0.18
# SAMP IN STATISTICS		8	8	6	11	4	8	3	8	2	11
% SAMP (EXCLUDED)				25						81	

(C O N T D)

B.O.W./ SITE: RIDEAU RIVER STATION ID: 18-0033-034 02
SAMPLE POINT: ST. PATRICK STREET BRIDGE OTTAWA
STATION TYPE: RIVER FLOW GAUGE FED 02LA004 MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: OTTAWA RIVER 006
TERM STREAM: RIDEAU RIVER 1710

LAT: 45 26 13.88 LONG: 075 40 44.00 U T M: 18 0446900.0 5031525.0 4 REGION: 04 DISTANCE: 1.609

*=INTERIM TEST-NAME: SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PHNOL PHENOLS UNF-REAC UG/L PHENOL	PPUT PHOSPHOR UNF.TOT. MG/L AS P	RSP RESIDUE PARTIC. MG/L	SEUT SELENIUM UNF.TOT. MG/L AS SE	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	TURB TURB'ITY FTU	ZNUT ZINC UNF.TOT. MG/L AS ZN
840206	1255	58016		0.019		0.001<	26.42	2.60	0.007
840306	1230	58027		0.023	5.920			2.70	0.007
840403		58038		0.090	28.300	0.001<	16.65	23.00	0.011
840507	1040	58049	0.2<W	0.025	9.788	0.001<	12.41	4.40	0.003
840604	1150	58060		0.034	2.372	0.001<	13.73	3.70	0.003
840709	1120	58071		0.038	2.911	0.001<	15.43	2.40	0.003
840821	1005	58082		0.062	5.804			5.30	0.004
840911	1045	58093	0.2<T	0.044	3.788			4.70	0.003
841009	1020	58104		0.026	2.884	0.001<	16.83	3.20	0.004
841105	0935	58115	0.2<T	0.032	4.676	0.001<	14.61	4.90	0.005
841204	1020	58126		0.024	20.700	0.001<	21.38	2.40	0.005
		MAXIMUM	0.2	0.090	28.300		26.42	23.00	0.011
		ARITH MEAN	0.2<A	0.038	8.714		17.18	5.39	0.005
		GEOM MEAN	0.2<A	0.034	6.084		16.71	4.13	0.005
		MINIMUM	0.2	0.019	2.372		12.41	2.40	0.003
		STD DEV (GEOM *)	0.0<A	0.021	8.776		4.59	5.94	0.002
		# SAMP IN STATISTICS	3	11	10		8	11	11
		% SAMP (EXCLUDED)							

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: AT NICOLSON'S LOCK ANDREWSVILLE
STATION TYPE: RIVER

STATION ID: 18-0033-035 02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

LAT: 44 57 03.04 LONG: 075 49 12.65 U T M: 18 0435300.0 4977600.0 4 REGION: 04 DISTANCE: 73.545

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	COND25	CUUT	DO	FEUT	FWSTRC	FWTEMP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	IRON UNF.TOT. MG/L AS FE	STREAM COND.	WATER TEMP DEG.C
840104	1600	58008	0.30	0101	111.3	0.001<	276.0	0.002	13.20	0.115	8	1.0
840206	0900	58020	0.30	0101	117.8	0.001<	284.0	0.006	12.90	0.085	8	1.0
840307	0845	58031	0.30	0101	103.3	0.001<	257.0	0.002	13.20	0.110	8	1.0
840404	0955	58042	0.30	0101	115.9		272.0	0.001	12.60		3	4.0
840507	1340	58053	0.30	0101	105.4	0.001<	248.0	0.002	9.90	0.145	5 8	14.0
840604	1455	58064	0.30	0101	101.3	0.001<	242.0	0.001	9.00	0.105	5 8	18.0
840709	1525	58075	0.30	0101	92.0	0.001<	212.0	0.001	7.40	0.110	5 8	23.0
840821	1225	58086	0.30	0101	73.6	0.001<	180.0	0.001		0.065	5 8	21.5
840911	1405	58097	0.30	0101	70.2	0.001<	177.0	0.001	8.00	0.050	5 8	17.5
841009	1220	58108	0.30	0101	83.9	0.001<	210.0	0.001<	10.40	0.070	5 8	11.5
841105	1235	58119	0.30	0101	107.9	0.001<	250.0	0.002	10.70	0.250	6 8	8.0
841204	1305	58130	0.30	0101	106.3	0.001<	255.0	0.002	13.20	0.155	6 8	2.0
		MAXIMUM	0.30		117.8		284.0	0.006	13.20	0.250		23.0
		ARITH MEAN	0.30		99.1		238.6	0.002	10.95	0.115		10.2
		GEOM MEAN			97.8		235.9		10.74	0.104		5.8
		MINIMUM	0.30		70.2		177.0	0.001	7.40	0.050		1.0
		STD DEV (GEOM *)			15.8		35.9		2.20	0.055		8.5
		# SAMP IN STATISTICS	12		12		12	11	11	11		12
		% SAMP (EXCLUDED)						8				

*=INTERIM TEST-NAME:			NIUT	PBUT	PH	PHNOL	PPUT	TURB	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	NICKEL UNF.TOT. MG/L AS NI	LEAD UNF.TOT. MG/L AS PB	PH	PHENOLS UNF-REAC UG/L PHENOL	PHOSPHOR UNF.TOT. MG/L AS P	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840104	1600	58008	0.002	0.003	7.62	0.2<W	0.032	1.52	0.006
840206	0900	58020	0.002<	0.003<	7.81	0.2<W	0.022	1.20	0.036
840307	0845	58031	0.002<	0.003<	7.77	0.4<T	0.053	2.10	0.004
840404	0955	58042		0.003<	7.80	0.2<W	0.023	2.70	0.004
840507	1340	58053	0.001<	0.003<	8.00	0.2<W	0.023	3.60	0.003
840604	1455	58064	0.002<	0.003<	7.87	0.8	0.037	5.30	0.004
840709	1525	58075	0.002<	0.003<	9.02	0.2<T	0.119	6.40	0.003
840821	1225	58086	0.002<	0.003<	8.68	0.2<W	0.042	1.40	0.003
840911	1405	58097	0.002<	0.003	8.65	0.6<T	0.028	1.26	0.011
841009	1220	58108	0.002<	0.003<	8.46	0.4<T	0.024	5.70	0.001<
841105	1235	58119	0.002<	0.003<	7.96	0.8	0.041	5.30	0.006
841204	1305	58130	0.002<	0.003<	8.09	0.8	0.027	3.60	0.003

(C O N T D)

B.O.W./ SITE: RIDEAU RIVER STATION ID: 18-0033-035-02
SAMPLE POINT: AT NICOLSON'S LOCK ANDREWSVILLE
STATION TYPE: RIVER MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: OTTAWA RIVER 006
TERM STREAM: RIDEAU RIVER 1710

LAT: 44 57 03.04 LONG: 075 49 12.65 U T M: 18 0435300.0 4977600.0 4 REGION: 04 DISTANCE: 73.545

*=INTERIM TEST-NAME:		NIUT NICKEL	PBUT LEAD	PH	PHNOL PHENOLS	PPUT PHOSPHOR	TURB	ZNUT ZINC
SAMPLE DATE HOUR YYMMDD LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS NI	UNF.TOT. MG/L AS PB	PH	UNF-REAC UG/L PHENOL	UNF.TOT. MG/L AS P	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
MAXIMUM		0.002	0.003	9.02	0.8	0.119	6.40	0.036
ARITH MEAN		0.002	0.003	8.14	0.4<A	0.039	3.34	0.008
GEOM MEAN				8.13	0.3<A	0.034	2.81	
MINIMUM		0.002	0.003	7.62	0.2	0.022	1.20	0.003
STD DEV (GEOM *)				0.45	0.3<A	0.027	1.92	
# SAMP IN STATISTICS		1	2	12	12	12	12	11
% SAMP (EXCLUDED)		90	83					8

B.O.W./ SITE: JOCK RIVER
SAMPLE POINT: AT MOODIE DRIVE BRIDGE
STATION TYPE: RIVER FLOW GAUGE FED 02LA007

STATION ID: 18-0033-036-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

LAT: 45 14 58.06 LONG: 075 47 28.81 U T M: 18 0437900.0 5010750.0 4 REGION: 04 DISTANCE: 33.313

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	COND25	CUUT	DO	FEUT	FWFLOW	FWSTRC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	IRON UNF.TOT. MG/L AS FE	STREAM FLOW M3 /S	STREAM COND.
840206	1020	58013	0.30	0101	196.0	0.001<	523.0	0.002	9.80	0.925	1.510	6 4 8
840306	0925	58024	0.30	0101	162.5	0.001<	396.0	0.004	7.00	0.200	8.740	8
840403	0915	58035	0.30	0101	126.0	0.001<	317.0	0.002	10.00	0.745	39.600	3
840507	0900	58046	0.30	0101	153.1	0.001<	51.7	0.003	10.40	0.165	9.810	5 8
840604	1005	58057	0.30	0101	173.0	0.001<	372.0	0.001	7.40	0.280	5.440	5 8
840709	0955	58068	0.30	0101	190.0	0.001<	442.0	0.001	7.60	0.175	0.186	5 8
840821	0920	58079	0.30	0101	181.9	0.001<	485.0	0.002		0.142	0.339	5 8
840911	0915	58090	0.30	0101	192.3	0.001<	520.0	0.002	8.20	0.080	0.097	5 8
841009	0800	58101	0.30	0101	202.8	0.001<	560.0	0.001	9.60	0.145	0.173	5 8
841105	0825	58112	0.30	0101	212.2	0.001<	570.0	0.003	10.60	0.200	0.277	6 8
841204	0845	58123	0.30	0101	210.6	0.001<	500.0	0.001	11.20	0.220	1.030	6 8
		MAXIMUM	0.30		212.2		570.0	0.004	11.20	0.925	39.600	
		ARITH MEAN	0.30		181.9		430.6	0.002	9.18	0.298	6.109	
		GEOM MEAN			179.9		377.9	0.002	9.07	0.227	1.214	
		MINIMUM	0.30		126.0		51.7	0.001	7.00	0.080	0.097	
		STD DEV (GEOM *)			26.4		148.9	0.001	1.50	0.273	11.677	
		# SAMP IN STATISTICS	11		11		11	11	10	11	11	
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			FWTEMP	NIUT	PBUT	PH	PHNOL	PPUT	TURB	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	WATER TEMP DEG.C	NICKEL UNF.TOT. MG/L AS NI	LEAD UNF.TOT. MG/L AS PB	PH	PHENOLS UNF-REAC UG/L PHENOL	PHOSPHOR UNF.TOT. MG/L AS P	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840206	1020	58013	0.5	0.003	0.003<	7.60	0.2<T	0.036	18.80	0.005
840306	0925	58024	0.5	0.003	0.003<	7.31	0.2<W	0.017	2.50	0.005
840403	0915	58035	2.5	0.002	0.003<	7.79	0.2<W	0.075	14.20	0.006
840507	0900	58046	13.0	0.001	0.003<	8.00	0.2<W	0.022	2.40	0.003
840604	1005	58057	17.5	0.002<	0.003<	7.91	0.4<T	0.026	5.10	0.003
840709	0955	58068	21.0	0.002<	0.003<	7.99	0.2<T	0.040	3.20	0.002
840821	0920	58079	19.0	0.002<	0.003<	7.83		0.059	3.80	0.004
840911	0915	58090	18.0	0.002<	0.003	7.90	0.4<T	0.039	3.30	0.004
841009	0800	58101	10.5	0.002<	0.003<	8.11	0.4<T	0.036	3.70	0.003
841105	0825	58112	7.5	0.006	0.003<	8.09	0.2<T	0.042	3.40	0.005
841204	0845	58123	2.0	0.002<	0.003<	8.20	0.8	0.025	3.80	0.004

(C O N T D)

B.O './ SITE: JOCK RIVER STATION ID: 10-0033-036-02
SAMPLE POINT: AT MOODIE DRIVE BRIDGE
STATION TYPE: RIVER FLOW GAUGE FED 02LA007 MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: OTTAWA RIVER 006
TERM STREAM: RIDEAU RIVER 1710

LAT: 45 14 58.06 LONG: 075 47 28.81 U T M: 18 0437900.0 5010750.0 4 REGION: 04 DISTANCE: 33.313

*=INTERIM TEST-NAME:			FWTEMP	NIUT NICKEL	PBUT LEAD	PH	PHNOL PHENOLS	PPUT PHOSPHOR	TURB	ZNUT ZINC
SAMPLE DATE	HOUR	SAMPLE	WATER TEMP	UNF.TOT. MG/L	UNF.TOT. MG/L		UNF-REAC UG/L	UNF.TOT. MG/L		UNF.TOT. MG/L
YYMMDD	LMT	NUMBER	DEG.C	AS NI	AS PB	PH	PHENOL	AS P	TURB'ITY FTU	AS ZN
		MAXIMUM	21.0	0.006	0.003	8.20	0.8	0.075	18.80	0.006
		ARITH MEAN	10.2	0.003	0.003	7.88	0.3<A	0.038	5.84	0.004
		GEOM MEAN	5.6			7.88	0.3<A	0.035	4.51	0.004
		MINIMUM	0.5	0.001	0.003	7.31	0.2	0.017	2.40	0.002
		STD DEV (GEOM *)	8.0			0.25	0.2<A	0.017	5.42	0.001
		# SAMP IN STATISTICS	11	5	1	11	10	11	11	11
		% SAMP (EXCLUDED)		54	90					

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: AT LONG ISLAND GAUGING STATION
STATION TYPE: RIVER FLOW GAUGE FED 02LA012

STATION ID: 18-0033-037-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

LAT: 45 14 55.22 LONG: 075 42 19.12 U T M: 18 0444650.0 5010600.0 4 REGION: 04 DISTANCE: 25.910

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	COND25	CUUT	DO	FWFLOW	FWSTRC	FWTEMP	PBUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	STREAM FLOW M3 /S	STREAM COND.	WATER TEMP DEG.C	LEAD UNF.TOT. MG/L AS PB
840104	1310	58005	0.30	0101	129.7	322.0	0.002	12.60	26.600	3 8	1.0	0.003<
840206	1420	58017	0.30	0101	140.6	343.0	0.004	13.80	15.100	8	0.5	0.003<
840306	1325	58028	0.30	0101	126.5	303.0	0.002	14.10	45.800	8	0.5	0.003<
840403	1155	58039	0.30	0101	112.7	248.0	0.003	12.20	49.000	3	3.0	0.003<
840507	1135	58050	0.30	0101	118.5	278.0	0.002	10.50	27.800	5 8	13.0	0.003<
840604	1240	58061	0.30	0101	124.0	280.0	0.002	10.00	23.100	5 8	16.5	0.003<
840709	1225	58072	0.30	0101	116.7	262.0	0.001<	8.00	5.170	5 8	23.0	0.003<
840821	1105	58083	0.30	0101	100.5	235.0	0.001		8.140	5 8	21.0	0.003<
840911	1140	58094	0.30	0101	94.6	235.0	0.002	8.60	6.740	5 8	18.5	0.004
841009	0935	58105	0.30	0101	89.7	220.0	0.001	10.00	6.880	5 8	12.0	0.003<
841105	0850	58116	0.30	0101	98.5	235.0	0.001	11.70	7.320	5 8	9.0	0.003<
841204	1120	58127	0.30	0101	122.0	300.0	0.001	13.40	6.930		2.0	0.003<
		MAXIMUM	0.30		140.6	343.0	0.004	14.10	49.000		23.0	0.004
		ARITH MEAN	0.30		114.5	271.7	0.002	11.35	19.048		10.0	0.004
		GEOM MEAN			113.5	269.2		11.17	14.012		5.1	
		MINIMUM	0.30		89.7	220.0	0.001	8.00	5.170		0.5	0.004
		STD DEV (GEOM *)			15.6	39.2		2.08	15.591		8.5	
		# SAMP IN STATISTICS	12		12	12	11	11	12		12	1
		% SAMP (EXCLUDED)					8					91

*=INTERIM TEST-NAME:			PH	PHNOL PHENOLS UNF-REAC	PPUT PHOSPHOR UNF.TOT.	TURB	ZNUT ZINC UNF.TOT.
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PH	UG/L PHENOL	MG/L AS P	TURB'ITY FTU	MG/L AS ZN
840104	1310	58005	7.95	0.2<W	0.024	1.57	0.004
840206	1420	58017	7.65	0.2<W	0.015	1.20	0.002
840306	1325	58028	7.50	0.4<T	0.010	1.70	0.004
840403	1155	58039	7.55	0.2<W	0.048	8.20	0.005
840507	1135	58050	8.02	0.2<W	0.028	3.90	0.002
840604	1240	58061	8.06	1.0	0.056	7.75	0.002
840709	1225	58072	8.50	0.2<T	0.049	4.80	0.001
840821	1105	58083	8.52	0.2<W	0.070	11.30	0.003
840911	1140	58094	8.04	0.4<T	0.051	8.20	0.005
841009	0935	58105	8.32	0.4<T	0.031	2.60	0.003
841105	0850	58116	8.04	0.2<W	0.032	2.80	0.004
841204	1120	58127	8.26	0.6<T	0.023	3.00	0.003

(C O N T D)

B.O.W./ SITE: RIDEAU RIVER STATION ID: 18-0033-037-02
SAMPLE POINT: AT LONG ISLAND GAUGING STATION
STATION TYPE: RIVER FLOW GAUGE FED 02LA012 MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: OTTAWA RIVER 006
TERM STREAM: RIDEAU RIVER 1710

LAT: 45 14 55.22 LONG: 075 42 19.12 U T M: 18 0444650.0 5010600.0 4 REGION: 04 DISTANCE: 25.910

*=INTERIM TEST-NAME: SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	PPUT PHOSPHOR UNF.TOT. MG/L AS P	TURB TURB'ITY FTU	ZNUT ZINC UNF.TOT. MG/L AS ZN
MAXIMUM			8.52	1.0	0.070	11.30	0.005
ARITH MEAN			8.03	0.3<A	0.036	4.75	0.003
GEOM MEAN			8.03	0.3<A	0.032	3.75	0.003
MINIMUM			7.50	0.2	0.010	1.20	0.001
STD DEV (GEOM *)			0.34	0.2<A	0.018	3.30	0.001
# SAMP IN STATISTICS			12	12	12	12	12
% SAMP (EXCLUDED)							

B.O.W./ SITE: SOUTH NATION RIVER
SAMPLE POINT: HIGHWAY 17 PLANTAGENET
STATION TYPE: RIVER FLOW GAUGE FED 02LB005

STATION ID: 18-2070-020-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: SOUTH NATION RIVER

STORET CODE: 02
006
1170

LAT: 45 33 33.68 LONG: 075 03 50.63 U T M: 18 0495000.0 5044875.0 4 REGION: 04 DISTANCE: 10.300

*=INTERIM TEST-NAME:		FWSADP	FWDPTS	FGPROJ	ALKT	ALUT	ASUT	CAUR	CDUT	CLIDUR	CONDAM
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	WATER DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ALUMINUM UNF.TOT. MG/L AS AL	ARSENIC UNF.TOT. MG/L AS AS	CALCIUM UNF.REAC MG/L AS CA	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	CONDUCT. AMBIENT UMHO/CM AMBIENT
840116	0915	55363	0.30		0101	172.0	0.740	0.001<	61.8	0.0002<	35.34	
840220	1500	55326	0.30		0101	101.1		0.001<	38.40		25.37	
840312	1145	55327	0.30	3.00	0101	167.6	0.360	0.001<	60.60	0.0002<	25.81	
840409	1400	55320	0.30	0.30	0101	82.5	4.600	0.001<	27.50	0.0003	11.34	
840529	1000	55329	0.30	0.30	0101	171.6	1.500	0.001<	56.50	0.0003<	28.62	
840703	1330	55330	0.30		0101	138.3	0.370	0.001<	40.10	0.0002<	28.03	
840807	1230	55331	0.30		0101	129.8	0.390	0.001<	34.50	0.0002<	37.03	
840904	1330	55332	0.30		0101	13.9	0.011	0.001<	4.40	0.0002<	1.04	
841016	1245	55333	0.30		0101	154.5	0.009	0.001<	44.60	0.0002<	48.94	
841203	1230	55334	0.30		0101	160.7	1.700	0.001<	54.90	0.0002<	54.10	400
	MAXIMUM		0.30	3.00		172.0	4.600		61.8	0.0003	54.10	400
	ARITH MEAN		0.30	1.20		129.2	1.076		42.3	0.0003	29.56	400
	GEOM MEAN					109.8	0.329		35.7		21.54	
	MINIMUM		0.30	0.30		13.9	0.009		4.40	0.0003	1.04	400
STD DEV (GEOM *)						50.6	1.452		17.7		15.80	
# SAMP IN STATISTICS			10	3		10	9		10	1	10	1
% SAMP (EXCLUDED)										88		

*=INTERIM TEST-NAME:		COND25	CRUT	CUUT	DO	DOC	FEUT	FWFLOW	FWPH	FWSTRC	FWTEMP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	CONDUCT. 25C UMHO/CM AT 25 C	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C	IRON UNF.TOT. MG/L AS FE	STREAM FLOW M3 /S	PH FIELD	STREAM COND.	WATER TEMP DEG.C
840116	0915	55363	570.0	0.013	0.420	11.00	10.2	2.550	13.800		4	2.0
840220	1500	55326	345.0			11.00	7.1	2.150	185.000		4	2.0
840312	1145	55327	505.0	0.002<	0.006	11.00	10.3	0.665	22.200		4	2.0
840409	1400	55320	245.0	0.008	0.014		7.6	4.850	525.000		8	3.0
840529	1000	55329	490.0	0.004	0.100	11.00	12.6	1.910	23.700		8	16.0
840703	1330	55330	401.0	0.003	0.007	16.00	10.4	0.525	2.230	7.80	8	21.0
840807	1230	55331	409.0	0.002	0.009	10.00	9.3	0.520	2.350		8	24.0
840904	1330	55332	50.0	0.001<	0.009	10.00	4.6	0.145	2.430		8	21.0
841016	1245	55333	525.0	0.005	0.023	11.00	8.1	1.650	2.370	7.80	8	13.0
841203	1230	55334	570.0	0.006	0.006	13.00	11.0	1.700	10.800	7.30	8	5.0
	MAXIMUM		570.0	0.013	0.420	16.00	12.6	4.850	525.000	7.80		24.0
	ARITH MEAN		411.0	0.006	0.066	11.56	9.1	1.666	78.988	7.63		10.9
	GEOM MEAN		352.1		0.019	11.44	8.8	1.141	13.682	7.63		7.0
	MINIMUM		50.0	0.002	0.006	10.00	4.6	0.145	2.230	7.30		2.0
STD DEV (GEOM *)			163.6		0.136	1.88	2.3	1.380	166.280	0.29		9.1
# SAMP IN STATISTICS			10	7	9	9	10	10	10	3		10
% SAMP (EXCLUDED)				22								

(C O N T D)

B.O.W./ SITE: SOUTH NATION RIVER
SAMPLE POINT: HIGHWAY 17 PLANTAGENET
STATION TYPE: RIVER FLOW GAUGE FED 02LB005

STATION ID: 18-2070-020-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: SOUTH NATION RIVER

STORET CODE: 02
006
1170

LAT: 45 33 33.68 LONG: 075 03 50.63 U T M: 18 0495000.0 5044875.0 4 REGION: 04 DISTANCE: 10.300

*=INTERIM TEST-NAME:		HGUT	KKUR	MGUR	MNUT	NAUR	NIUT	NNHTFR	NNOTFR	NNO2FR	NNO3FR
		MERCURY	POTASSIM	MAGNESIM	MANGANSE	SODIUM	NICKEL	NH3-N TOTAL			
SAMPLE		UNF.TOT.	UNF.REAC	FIL.REAC	UNF.TOT.	UNF.REAC	UNF.TOT.	FIL.REAC	NO2+NO3N FIL.REAC	NO2-N FIL.REAC	NO3-N FIL.REAC
DATE HOUR	SAMPLE	UG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
YYMMDD LMT	NUMBER	AS HG	AS K	AS MG	AS MN	AS NA	AS NI	AS N	AS N	AS N	AS N
840116 0915	55363	0.02U	2.50	17.30	0.0540	25.00	0.008	0.156		0.0430	1.260
840220 1500	55326	0.02U	3.28	9.20	0.0800	15.00		0.006<T		0.0095	1.650
840312 1145	55327	0.03	2.62	15.80	0.0500	19.20	0.002	0.234		0.0230	1.430
840409 1400	55320	0.03U	2.52	7.10	0.1200	9.16	0.005	0.050		0.1300	0.770
840529 1000	55329	0.02	2.56	15.10	0.0820	22.90	0.003	0.042		0.0305	
840703 1330	55330	0.02	2.36	14.90	0.0350	24.30	0.001<	0.306	0.010	0.0055	
840807 1230	55331	0.02	2.58	12.00	0.0400	28.60	0.001<	0.396	0.040	0.0035	
840904 1330	55332	0.01<	0.74	1.38	0.0150	2.00	0.001<	0.020	0.050	0.0025	
841016 1245	55333	0.02	4.42	12.60	0.0520	37.60	0.001	0.104	0.475	0.0210	
841203 1230	55334	0.02	4.60	15.70	0.0500	40.10	0.003	0.120	1.000	0.0245	
MAXIMUM		0.03	4.60	17.30	0.1200	40.10	0.008	0.396	1.000	0.1300	1.650
ARITH MEAN		0.02	2.82	12.11	0.0578	22.39	0.004	0.143<A	0.315	0.0293	1.277
GEOM MEAN			2.57	10.28	0.0509	17.78		0.082<A	0.099	0.0157	1.230
MINIMUM		0.02	0.74	1.38	0.0150	2.00	0.001	0.006	0.010	0.0025	0.770
STD DEV (GEOM *)			1.10	4.93	0.0294	11.78		0.131<A	0.428	0.0377	0.374
# SAMP IN STATISTICS		9	10	10	10	10	6	10	5	10	4
% SAMP (EXCLUDED)		10					33				

*=INTERIM TEST-NAME:		NNTKUR	PBUT	PH	PPUT	SEUT	SSO4UR	TURB	ZNUT
		K'DAHL N TOTAL	LEAD		PHOSPHOR	SELENIUM	SULPHATE		ZINC
SAMPLE		UNF.REAC	UNF.TOT.		UNF.TOT.	UNF.TOT.	UNF.REAC		UNF.TOT.
DATE HOUR	SAMPLE	MG/L	MG/L		MG/L	MG/L	MG/L	TURB'ITY	MG/L
YYMMDD LMT	NUMBER	AS N	AS PB	PH	AS P	AS SE	AS SO4	FTU	AS ZN
840116 0915	55363	0.880	0.003<	7.80	0.069	0.001<	68.07	17.00	0.120
840220 1500	55326	0.770		7.47	0.147	0.001<	27.73	6.20	
840312 1145	55327	1.150	0.003<	7.52	0.050	0.001<	49.96	10.50	0.010
840409 1400	55320	0.800	0.003<	7.56	0.185	0.001<	18.71	82.00	0.024
840529 1000	55329	0.940	0.003<	8.00	0.097	0.001<		37.50	0.025
840703 1330	55330	1.240	0.003<	8.11	0.105	0.001<	29.71	24.00	0.029
840807 1230	55331	1.300	0.003<	8.47	0.066	0.001<	28.52	12.70	0.003
840904 1330	55332	0.270	0.003<	7.42	0.010	0.001<	7.82	1.44	0.002
841016 1245	55333	0.800	0.003<	8.32	0.095	0.001<	34.56	39.00	0.008
841203 1230	55334	0.870	0.003<	8.08	0.118	0.001<	51.54	33.00	0.008

(C O N T D)

B.O.W./ SITE: SOUTH NATION RIVER STATION ID: 18-2070-020-02
SAMPLE POINT: HIGHWAY 17 PLANTAGENET
STATION TYPE: RIVER FLOW GAUGE FED 02LB005 MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: OTTAWA RIVER 006
TERM STREAM: SOUTH NATION RIVER 1170

LAT: 45 33 33.68 LONG: 075 03 50.63 U T M: 18 0495000.0 5044875.0 4 REGION: 04 DISTANCE: 10.300

*=INTERIM TEST-NAME:		NNTKUR K'DAHL N TOTAL	PBUT LEAD	PH	PPUT PHOSPHOR	SEUT SELENIUM	SSO4UR SULPHATE	TURB	ZNUT ZINC
SAMPLE DATE YYMMDD	HOUR LMT SAMPLE NUMBER	UNF.REAC MG/L AS N	UNF.TOT. MG/L AS PB	PH	UNF.TOT. MG/L AS P	UNF.TOT. MG/L AS SE	UNF.REAC MG/L AS SO4	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
MAXIMUM		1.300		8.47	0.185		68.07	82.00	0.120
ARITH MEAN		0.902		7.87	0.094		35.18	26.33	0.025
GEOM MEAN		0.841		7.87	0.077		30.19	16.92	0.013
MINIMUM		0.270		7.42	0.010		7.82	1.44	0.002
STD DEV (GEOM *)		0.293		0.38	0.050		18.43	23.53	0.037
# SAMP IN STATISTICS		10		10	10		9	10	9
% SAMP (EXCLUDED)									

B.O.W./ SITE: SCOTCH RIVER EAST
SAMPLE POINT: AT CONC.17 DOWNSTREAM FROM ST.ISIDORE
STATION TYPE: RIVER FLOW GAUGE FED 02LB012

STATION ID: 18-2070-040-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: SOUTH NATION RIVER

STORET CODE: 02
006
1170

LAT: 45 22 58.53 LONG: 074 55 31.00 U T M: 18 0505850.0 5025275.0 4 REGION: 04 DISTANCE: 48.601

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	BOD5	CLIDUR	COND25	CUUT	DO	FCMF	FSMF
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	BOD 5 DAY TOT.DEM. MG/L AS O	CHLORIDE UNF.REAC MG/L AS CL-	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML
840201	1030	55378	0.30	0101	189.5	0.73	29.01	562.0	0.003	10.00	340	1700
840306	1000	55382	0.30	0101	176.6	0.45	24.44	513.0	0.003	10.00	160<=>	240
840328	0920	55387	0.30	0101	124.2		14.79	360.0	0.005	10.00	440	880
840430	1000	55392	0.30	0101	164.9	1.58	27.13	467.0	0.005	9.00		
840531	1000	55397	0.30	0101	189.8	1.84	18.70	469.0	0.003	11.00		
840627	1015	55402	0.30	0101	185.4	0.89	30.35	525.0	0.005	7.00		
840723	0915	55407	0.30	0101	205.1	0.34<T	58.70	631.0	0.007	6.00		
840827	0910	55412	0.30	0101	179.6	1.02	34.35	515.0	0.003	8.00	2180	200
841002	0940	55417	0.30	0101	217.1	2.04U	69.25	680.0	0.027	9.00		
841128	0950	55424	0.30	0101	191.0	0.80	24.76	515.0	0.004	13.00		
		MAXIMUM	0.30		217.1	2.04	69.25	680.0	0.027	13.00	2180	1700
		ARITH MEAN	0.30		182.3	1.08<A	33.15	523.7	0.006	9.30	780	755
		GEON MEAN			180.6	0.92<A	29.83	516.8	0.005	9.10	478	518
		MINIMUM	0.30		124.2	0.34	14.79	360.0	0.003	6.00	160	200
		STD DEV (GEOM *)			25.0	0.61<A	17.36	88.6	0.007	2.00	3*	3*
		# SAMP IN STATISTICS	10		10	9	10	10	10	10	4	4
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			FWFLOW	FWSTRC	FWTEMP	NNHTFR	PBUT	PH	PPUT	TCMF	TCMFBK	TURB
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	STREAM FLOW M3 /S	STREAM COND.	WATER TEMP DEG.C	NH3-N TOTAL FIL.REAC MG/L AS N	LEAD UNF.TOT. MG/L AS PB	PH	PHOSPHOR UNF.TOT. MG/L AS P	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB'ITY FTU
840201	1030	55378		4	2.0	0.430	0.003<	8.06	0.001<W	760	3500	
840306	1000	55382		4	2.0	0.294	0.011	7.62	0.084	1200	5400	9.40
840328	0920	55387	2.180	8	2.0	0.358	0.004	7.55	0.200	1280<=>	9600	
840430	1000	55392	0.893	8	14.0	0.062	0.003<	8.30	0.161			4.30
840531	1000	55397	0.792	8	11.0	0.084	0.003<	8.17	0.110			32.50
840627	1015	55402	0.079	8	20.0	0.052	0.003<	8.25	0.176			60.00
840723	0915	55407	0.011	8	22.0	0.050	0.003<	8.22	0.285			48.00
840827	0910	55412	0.148	8	21.0	0.072	0.003<	8.09	0.290	3500<=>	70000	88.00
841002	0940	55417	0.019	8	10.0	0.100	0.003<	8.13	0.180			83.00
841128	0950	55424	0.262	8	5.0	0.064	0.003<	7.94	0.098			47.00

(C O N T D)

B.O.W./ SITE: SCOTCH RIVER EAST
SAMPLE POINT: AT CONC.17 DOWNSTREAM FROM ST.ISIDORE
STATION TYPE: RIVER FLOW GAUGE FED 02LB012

STATION ID: 18-2070-040-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: SOUTH NATION RIVER

STORET CODE: 02
006
1170

LAT: 45 22 58.53 LONG: 074 55 31.00 U T M: 18 0505850.0 5025275.0 4 REGION: 04 DISTANCE: 48.601

*=INTERIM TEST-NAME:			FWFLOW	FWSTRC	FWTEMP	NNHTFR	PBUT	PH	PPUT	TCMF	TCMFBK	TURB
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	STREAM FLOW M3 /S	STREAM COND.	WATER TEMP DEG.C	NH3-N TOTAL FIL.REAC MG/L AS N	LEAD UNF.TOT. MG/L AS PB	PH	PHOSPHOR UNF.TOT. MG/L AS P	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB'ITY FTU
	MAXIMUM		2.180		22.0	0.430	0.011	8.30	0.290	3500	70000	88.00
	ARITH MEAN		0.548		10.9	0.157	0.007	8.03	0.158<A	1685	22125	46.52
	GEOM MEAN		0.178		7.5	0.111		8.03	0.097<A	1422	10616	32.67
	MINIMUM		0.011		2.0	0.050	0.004	7.55	0.001	760	3500	4.30
STD DEV (GEOM *)			0.744		8.1	0.145		0.26	0.090<A	2*	4*	30.69
# SAMP IN STATISTICS			8		10	10	2	10	10	4	4	8
% SAMP (EXCLUDED)							80					

*=INTERIM TEST-NAME:			ZNUT ZINC UNF.TOT. MG/L AS ZN
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	
840201	1030	55378	0.010
840306	1000	55382	0.012
840328	0920	55387	0.010
840430	1000	55392	0.007
840531	1000	55397	0.006
840627	1015	55402	0.012
840723	0915	55407	0.013
840827	0910	55412	0.002
841002	0940	55417	0.015
841128	0950	55424	0.009
	MAXIMUM		0.015
	ARITH MEAN		0.010
	GEOM MEAN		0.009
	MINIMUM		0.002
STD DEV (GEOM *)			0.004
# SAMP IN STATISTICS			10
% SAMP (EXCLUDED)			

B.O.W./ SITE: SCOTCH RIVER EAST
SAMPLE POINT: AT CONC.19 UPSTREAM FROM ST.ISIDORE
STATION TYPE: RIVER

STATION ID: 18-2070-060-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: SOUTH NATION RIVER

STORET CODE: 02
006
1170

LAT: 45 22 26.89 LONG: 074 54 28.98 U T M: 18 0507200.0 5024300.0 4 REGION: 04 DISTANCE: 51.015

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	COND25	CUUT	DO	FEUT	FWSTRC	FWTEMP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	IRON UNF.TOT. MG/L AS FE	STREAM COND.	WATER TEMP DEG.C
840201	0930	55379	0.30	0101	161.2	0.001<	442.0	0.002	13.00	0.665	4	2.0
840306	0930	55381	0.30	0101	154.5	0.001<	380.0	0.003	10.00	0.335	4	1.0
840328	0845	55386	0.30	0101	121.7	0.001<	310.0	0.004	11.00	0.915	8	2.0
840430	0830	55391	0.30	0101	139.6	0.001<	320.0	0.035	10.00	1.160	8	14.0
840531	0930	55396	0.30	0101	169.2	0.001<	356.0	0.003	11.00	0.520	8	12.0
840627	0900	55401	0.30	0101	194.9	0.001<	445.0	0.003	9.00	1.075	8	18.0
840723	0845	55406	0.30	0101	224.7	0.001	540.0	0.007	5.00	2.800	8	1.0
840827	0830	55411	0.30	0101	147.0	0.001<	345.0	0.003	9.00	4.550	8	19.0
841002	0900	55416	0.30	0101	258.0	0.001<	600.0	0.091	9.00	4.100	8	9.0
841128	0930	55423	0.30	0101	176.0	0.001<	420.0	0.005	15.00	1.380	8	4.0
		MAXIMUM	0.30		258.0	0.001	600.0	0.091	15.00	4.550		19.0
		ARITH MEAN	0.30		174.7	0.001	415.8	0.016	10.20	1.750		8.2
		GEOM MEAN			170.6		406.7	0.006	9.85	1.253		4.9
		MINIMUM	0.30		121.7	0.001	310.0	0.002	5.00	0.335		1.0
		STD DEV (GEOM *)			41.2		95.0	0.028	2.66	1.520		7.1
		# SAMP IN STATISTICS	10		10	1	10	10	10	10		10
		% SAMP (EXCLUDED)				90						

*=INTERIM TEST-NAME:			NIUT NICKEL	PBUT LEAD	PH	PHNOL PHENOLS	PPUT PHOSPHOR	TURB	ZNUT ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS NI	UNF.TOT. MG/L AS PB	PH	UNF-REAC UG/L PHENOL	UNF.TOT. MG/L AS P	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
840201	0930	55379	0.002<	0.003<	7.83	0.2<W	0.001<W	12.00	0.009
840306	0930	55381	0.002<	0.005	7.48	0.2<W	0.045	5.60	0.013
840328	0845	55386	0.003	0.003	7.57		0.280	17.70	0.009
840430	0830	55391	0.003	0.003<	8.14	0.2<W	0.060	22.00	0.012
840531	0930	55396	0.002<	0.003<	8.27	0.2<W	0.057	11.30	0.006
840627	0900	55401	0.003	0.003<	8.00	-0.6<T	0.121	25.00	0.010
840723	0845	55406	0.002	0.003<	7.98	-0.6<T	0.280	51.00	0.013
840827	0830	55411	0.002	0.003<	7.92	0.2<W	0.205	77.00	0.007
841002	0900	55416	0.004	0.022	8.08	0.2<W	0.303	68.00	0.050
841128	0930	55423	0.004	0.003<	8.00	0.4<T	0.061	18.80	0.011
		MAXIMUM	0.004	0.022	8.27	0.4	0.303	77.00	0.050
		ARITH MEAN	0.003	0.010	7.93	0.0<A	0.141<A	30.84	0.014
		GEOM MEAN			7.92		0.075<A	22.75	0.011
		MINIMUM	0.002	0.003	7.48	-0.8	0.001	5.60	0.006
		STD DEV (GEOM *)			0.24		0.115<A	25.21	0.013
		# SAMP IN STATISTICS	7	3	10	9	10	10	10
		% SAMP (EXCLUDED)	30	70					

B.O.W./ SITE: SOUTH NATION RIVER
SAMPLE POINT: AT DAM DOWNSTREAM OF CASSELMAN
STATION TYPE: RIVER FLOW GAUGE FED 02LB013

STATION ID: 18-2070-100-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: SOUTH NATION RIVER

STORET CODE: 02
006
1170

LAT: 45 19 06.78 LONG: 075 05 35.29 U T M: 18 0492700.0 5018125.0 4 REGION: 04 DISTANCE: 62.763

#=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	COND25	CUUT	DO	FEUT	FWFLOW	FWSTRC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	IRON UNF.TOT. MG/L AS FE	STREAM FLOW M3 /S	STREAM COND.
840201	1420	55380	0.30	0101	208.2	0.001<	586.0	0.002		0.650	9.300	4
840306	1220	55385	0.30	0101	170.3	0.001<	476.0	0.003	10.00	0.330	24.400	8
840328	1125	55390	0.30	0101	132.0	0.001<	460.0	0.002	11.00	0.620	94.500	8
840430	1400	55395	0.30	0101	155.0	0.001<	410.0	0.004	11.00	1.190	39.500	8
840531	1145	55400	0.30	0101	190.6	0.001<	455.0	0.002	8.00	0.500	39.200	8
840627	1300	55405	0.30	0101	202.9	0.001<	490.0	0.003	8.00	0.430	1.390	8
840723		55410	0.30	0101	204.4	0.001	519.0	0.003	8.00	0.310	0.255	8
840827	1130	55415	0.30	0101	173.8	0.001<	545.0	0.060	8.00	0.510	2.070	8
841002	1215	55420	0.30	0101	191.7	0.001<	580.0	0.006	9.00	0.385	0.594	8
841128	1100	55425	0.30	0101	213.7	0.001<	637.0	0.003	14.00	0.285	2.000	8
	MAXIMUM		0.30		213.7	0.001	637.0	0.060	14.00	1.190	94.500	
	ARITH MEAN		0.30		184.3	0.001	515.8	0.009	9.67	0.521	21.321	
	GEOM MEAN				182.4		511.5	0.004	9.49	0.475	5.574	
	MINIMUM		0.30		132.0	0.001	410.0	0.002	8.00	0.285	0.255	
	STD DEV (GEOM #)				26.2		70.6	0.018	2.06	0.266	30.136	
# SAMP IN STATISTICS			10		10	1	10	10	9	10	10	
% SAMP (EXCLUDED)						90						

#=INTERIM TEST-NAME:			FWTEMP	NIUT	PBUT	PH	PHNOL	PPUT	TURB	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	WATER TEMP DEG.C	NICKEL UNF.TOT. MG/L AS NI	LEAD UNF.TOT. MG/L AS PB	PH	PHENOLS UNF-REAC UG/L PHENOL	PHOSPHOR UNF.TOT. MG/L AS P	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840201	1420	55380	2.0	0.002<	0.003<	7.62	-0.2<T	0.012	13.00	0.002
840306	1220	55385	2.0	0.002<	0.008	7.64	0.2<W	0.062	6.20	0.011
840328	1125	55390	2.0	0.002<	0.003<	7.57	0.2<W	0.123	11.30	0.006
840430	1400	55395	14.0	0.002<	0.003<	8.03	0.2<W	0.075	24.00	0.007
840531	1145	55400	15.0	0.002<	0.003<	8.15	0.2<T	0.085	17.10	0.004
840627	1300	55405	24.0	0.002	0.003<	8.27	-0.4<T	0.090	11.50	0.011
840723		55410	25.0	0.002<	0.003<	8.45	-0.4<T	0.090	6.40	0.003
840827	1130	55415	23.0	0.002<	0.003<	8.12	0.2<W	0.150	9.10	0.140
841002	1215	55420	13.0	0.002<	0.003<	8.24	0.4<T	0.099	11.00	0.004
841128	1100	55425	4.0	0.002<	0.003<	8.33		0.139	8.50	0.016
	MAXIMUM		25.0	0.002	0.008	8.45	0.4	0.150	24.00	0.140
	ARITH MEAN		12.4	0.002	0.008	8.04	0.0<A	0.092	11.81	0.020
	GEOM MEAN		8.1			8.04		0.079	10.89	0.008
	MINIMUM		2.0	0.002	0.008	7.57	-0.4	0.012	6.20	0.002
	STD DEV (GEOM #)		9.5			0.32		0.040	5.35	0.042
# SAMP IN STATISTICS			10	1	1	10	9	10	10	10
% SAMP (EXCLUDED)				90	90					

B.O.W./ SITE: CASTOR RIVER
SAMPLE POINT: AT CONC RD.NO.5 RUSSELL TWP.
STATION TYPE: RIVER

STATION ID: 18-2070-140-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: SOUTH NATION RIVER

STORET CODE: 02
006
1170

LAT: 45 15 56.65 LONG: 075 18 32.78 U T M: 18 0475750.0 5012300.0 4 REGION: 04 DISTANCE: 82.396

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	COND25	CUUT	DO	FWSTRC	FWTEMP	PDUT	PH
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	STREAM COND.	WATER TEMP DEG.C	LEAD UNF.TOT. MG/L AS PB	PH
840306	1145	55384	0.30	0101	194.6	572.0	0.002	11.00	8	2.0	0.003<	7.62
840328	1100	55389	0.30	0101	155.4	460.0	0.003	11.00	8	2.0	0.003<	7.75
840430	1100	55394	0.30	0101	182.9	507.0	0.004	10.00	8	14.0	0.003	8.13
840531	1130	55399	0.30	0101	207.5	528.0	0.004	9.00	8	12.0	0.003<	8.03
840627	1145	55404	0.30	0101	217.5	588.0	0.003	8.00	8	23.0	0.003<	8.21
840723		55409	0.30	0101	182.3	567.0	0.004	7.00	8	25.0	0.003<	8.29
840827	1110	55414	0.30	0101	198.5	610.0	0.009	8.00	8	22.0	0.003<	8.08
841002	1145	55419	0.30	0101	215.3	625.0	0.009	10.00	8	13.0	0.003<	8.35
841128	0905	55422	0.30	0101	224.1	680.0	0.005	10.00	8	4.0	0.003<	8.26
	MAXIMUM		0.30		224.1	680.0	0.009	11.00		25.0	0.003	8.35
	ARITH MEAN		0.30		197.6	570.8	0.005	9.33		13.0	0.003	8.08
	GEOM MEAN				196.5	567.3	0.004	9.23		9.1		8.08
	MINIMUM		0.30		155.4	460.0	0.002	7.00		2.0	0.003	7.62
STD DEV (GEOM *)					21.7	66.0	0.003	1.41		9.0		0.25
# SAMP IN STATISTICS			9		9	9	9	9		9	1	9
% SAMP (EXCLUDED)											88	

*=INTERIM TEST-NAME:		PHNOL	PPUT	TURB	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PHENOLS UNF-REAC UG/L PHENOL	PHOSPHOR UNF.TOT. MG/L AS P	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840306	1145	55384	0.2<W	0.035	6.30	0.006
840328	1100	55389	0.2<W	0.087	9.60	0.005
840430	1100	55394	0.2<W	0.055	19.60	0.005
840531	1130	55399	0.2<T	0.105	64.00	0.007
840627	1145	55404	-0.8<T	0.085	27.00	0.010
840723		55409	-0.8<T	0.072	14.20	0.007
840827	1110	55414	-0.2<T	0.070	27.00	0.028
841002	1145	55419	0.2<W	0.057	27.00	0.005
841128	0905	55422	0.2<T	0.028	9.70	0.008
	MAXIMUM		0.2	0.105	64.00	0.028
	ARITH MEAN		-0.1<A	0.066	22.71	0.009
	GEOM MEAN			0.061	18.07	0.008
	MINIMUM		-0.8	0.028	6.30	0.005
STD DEV (GEOM *)				0.025	17.51	0.007
# SAMP IN STATISTICS			9	9	9	9
% SAMP (EXCLUDED)						

B.O.W./ SITE: CASTOR RIVER
SAMPLE POINT: AT CONC.RD.NO.3 RUSSELL TWP.
STATION TYPE: RIVER FLOW GAUGE FED.02LB006

STATION ID: 18-2070-145-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: SOUTH NATION RIVER

STORET CODE: 02
006
1170

LAT: 45 15 43.19 LONG: 075 21 22.48 U T M: 18 0472050.0 5011900.0 4 REGION: 04 DISTANCE: 85.615

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	BOD5	CLIDUR	COND25	CUUT	DO	FCMF	FSMF
						BOD					FECAL	FECAL
SAMPLE			SAMPLE	PROJECT	ALK TOTAL	5 DAY TOT.DEM.	CHLORIDE UNF.REAC	CONDUCT. 25C	COPPER UNF.TOT.	DISOLVED OXYGEN	COLIFORM MF	STREPCUS MF
DATE	HOUR	SAMPLE	DEPTH	SUB-PROJ	MG/L	MG/L	MG/L	UMHO/CM	MG/L	MG/L	CNT	CNT
YYMMDD	LMT	NUMBER	M	CODE	AS CACO3	AS O	AS CL-	AT 25 C	AS CU	AS O	/100ML	/100ML
840201		55377	0.30	0101	211.4	0.38<T	27.85	631.0	0.003		180<=>	20<
	1320	55376	0.30	0101	212.4	0.98	29.12	640.0	0.004	11.00		
840306	1115	55383	0.30	0101	195.3	0.22	23.14	569.0	0.002	10.00	20<=>	20<
840328	1030	55388	0.30	0101	155.4		19.71	463.0	0.004	11.00	100<=>	300
840430		55393	0.30	0101	184.1	0.68	17.12	506.0	0.004	10.00		
840531	1100	55398	0.30	0101	207.8	0.74	19.84	524.0	0.005	9.00		
840627	1130	55403	0.30	0101	212.9	1.14	28.09	574.0	0.003	8.00		
840723		55408	0.30	0101	182.0		30.46	544.0	0.003	10.00		
840827	1050	55413	0.30	0101	197.9	0.78	29.74	590.0	0.008	13.00	50<=>	60<=>
841002	1045	55418	0.30	0101	214.1	1.21U	34.45	615.0	0.009	11.00		
841128	0800	55421	0.30	0101	218.5	0.78	33.70	675.0	0.003	14.00		
		MAXIMUM	0.30		218.5	1.21	34.45	675.0	0.009	14.00	180	300
		ARITH MEAN	0.30		199.3	0.77<A	26.66	575.5	0.004	10.70	88	180
		GEOM MEAN			198.4	0.69<A	26.03	572.3	0.004	10.57	65	
		MINIMUM	0.30		155.4	0.22	17.12	463.0	0.002	8.00	20	60
		STD DEV (GEOM *)			19.1	0.32<A	5.85	63.3	0.002	1.77	3*	
		# SAMP IN STATISTICS	11		11	9	11	11	11	10	4	2
		% SAMP (EXCLUDED)										50

*=INTERIM TEST-NAME:			FWFLOW	FWSTRC	FWTEMP	NNHTFR	PBUT	PH	PPUT	TCHF	TCHFBK	TURB
						NH3-N				COLIFORM	COLIFORM	
			STREAM			TOTAL	LEAD		PHOSPHOR	TOTAL	TOTAL MF	
SAMPLE			FLOW		WATER	FIL.REAC	UNF.TOT.		UNF.TOT.	MF	BCKGRD	
DATE	HOUR	SAMPLE	M3	STREAM	TEMP	MG/L	MG/L		MG/L	CNT	CNT	TURB'ITY
YYMMDD	LMT	NUMBER	/S	COND.	DEG.C	AS N	AS PB	PH	AS P	/100ML	/100ML	FTU
840201		55377	1.120			0.090	0.003<	7.93	0.100	640	1460	19.00
	1320	55376	1.120	4	2.0	0.136	0.003<	8.01	0.045			13.90
840306	1115	55383	6.000	3	2.0	0.064	0.003<	7.73	0.046	1300	6200	6.60
840328	1030	55388	13.600	8	2.0	0.104	0.003<	7.66	0.064	540<=>	5600	
840430		55393	8.030	8	14.0	0.016	0.003<	8.14	0.040			14.80
840531	1100	55398	9.400	8	12.0	0.024	0.003<	8.12	0.112			87.00
840627	1130	55403	0.580	8	23.0	0.074	0.003<	8.39	0.073			15.50
840723		55408	0.432	8	25.0	0.116	0.003<	8.30	0.046			3.90
840827	1050	55413	1.270	8	22.0	0.030	0.004	8.55	0.045	240<=>	22000	6.30
841002	1045	55418	0.256	8	12.0	0.016	0.003<	8.49	0.022			4.80
841128	0800	55421	0.985	8	4.0	0.018	0.003<	8.36	0.028			12.60

(C O N T D)

B.O.W./ SITE: CASTOR RIVER
SAMPLE POINT: AT CONC.RD.NO.3 RUSSELL TWP.
STATION TYPE: RIVER FLOW GAUGE FED.02LB006

STATION ID: 18-2070-145-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: SOUTH NATION RIVER

STORET CODE: 02
006
1170

LAT: 45 15 43.19 LONG: 075 21 22.48 U T M: 18 0472050.0 5011900.0 4 REGION: 04 DISTANCE: 85.615

*=INTERIM TEST-NAME:			FWFLOW	FWSTRC	FWTEMP	NNHTFR	PBUT	PH	PPUT	TCMF	TCMFBK	TURB
						NH3-N				COLIFORM	COLIFORM	
			STREAM			TOTAL	LEAD		PHOSPHOR	TOTAL	TOTAL MF	
SAMPLE			FLOW		WATER	FIL.REAC	UNF.TOT.		UNF.TOT.	MF	BCKGRD	
DATE	HOUR	SAMPLE	M3	STREAM	TEMP	MG/L	MG/L		MG/L	CNT	CNT	TURB'ITY
YYMMDD	LMT	NUMBER	/S	COND.	DEG.C	AS N	AS PB	PH	AS P	/100ML	/100ML	FTU
		MAXIMUM	13.600		25.0	0.136	0.004	8.55	0.112	1300	22000	87.00
		ARITH MEAN	3.890		11.8	0.063	0.004	8.15	0.056	680	8815	18.44
		GEOM MEAN	1.794		7.8	0.047		8.15	0.051	573	5779	11.79
		MINIMUM	0.256		2.0	0.016	0.004	7.66	0.022	240	1460	3.90
		STD DEV (GEOM *)	4.615		9.2	0.044		0.30	0.028	2*	3*	24.64
		# SAMP IN STATISTICS	11		10	11	1	11	11	4	4	10
		% SAMP (EXCLUDED)					90					

*=INTERIM TEST-NAME:			ZNUT
			ZINC
SAMPLE			UNF.TOT.
DATE	HOUR	SAMPLE	MG/L
YYMMDD	LMT	NUMBER	AS ZN
840201		55377	0.005
	1320	55376	0.011
840306	1115	55383	0.007
840328	1030	55388	0.006
840430		55393	0.004
840531	1100	55398	0.009
840627	1130	55403	0.008
840723		55408	0.005
840827	1050	55413	0.048
841002	1045	55418	0.006
841128	0800	55421	0.006
		MAXIMUM	0.048
		ARITH MEAN	0.010
		GEOM MEAN	0.008
		MINIMUM	0.004
		STD DEV (GEOM *)	0.013
		# SAMP IN STATISTICS	11
		% SAMP (EXCLUDED)	

B.O.W./ SITE: CARP RIVER
SAMPLE POINT: FIRST ROAD BRIDGE DNSTR OF CARP
STATION TYPE: RIVER

STATION ID: 18-3370-101-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: CARP RIVER

STORET CODE: 02
006
2490

LAT: 45 21 04.64 LONG: 076 03 20.62 U T M: 18 0417300.0 5022300.0 4 REGION: 04 DISTANCE: 21.440

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	BOD5	CLIDUR	COND25	CUUT	DO	FCMF	FSMF
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	BOD 5 DAY TOT.DEM. MG/L AS O	CHLORIDE UNF.REAC MG/L AS CL-	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML
840124	1020	56412	0.30	0101	215.5	1.16	60.10	674.0	0.003	9.00	420	60<=>
840214	1430	56425	0.30	0101	196.0	1.40	81.20	717.0	0.004	9.00	1340	1760
840327	1430	56438	0.30	0101	167.8	0.49	58.10	580.0	0.003	10.00		
840523	1500	56451	0.30	0101	185.6	0.83	39.80	509.0	0.002	10.00		
840605	0925	56464	0.30	0101	196.9	0.53	40.57	539.0	0.003	8.00		
840724	1200	56490	0.30	0101	186.9	0.82	77.05	644.0	0.002	11.00		
840912	1315	56503	0.30	0101	234.1	0.83	61.65	685.0	0.002	7.00		
841024	0905	56516	0.30	0101	244.9	0.96	68.58	708.0	0.002	9.60	60<=>	40<=>
841127	1400	56529	0.30	0101	234.7	0.62	53.44	650.0	0.002	12.30		
841219	1400	56542	0.30	0101	202.3		48.67	595.0		11.40		
		MAXIMUM	0.30		244.9	1.40	81.20	717.0	0.004	12.30	1340	1760
		ARITH MEAN	0.30		206.5	0.85	58.92	630.1	0.003	9.73	607	620
		GEOM MEAN			205.1	0.80	57.39	626.3	0.002	9.61	323	162
		MINIMUM	0.30		167.8	0.49	39.80	509.0	0.002	7.00	60	40
		STD DEV (GEOM *)			25.1	0.30	14.01	71.4	0.001	1.59	5*	8*
		# SAMP IN STATISTICS	10		10	9	10	10	9	10	3	3
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			FWSTRC	FWTEMP	NNHTFR	PBUT	PH	PPUT	TCMF	TCMFBK	TURB	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	NH3-N TOTAL FIL.REAC MG/L AS N	LEAD UNF.TOT. MG/L AS PB	PH	PHOSPHOR UNF.TOT. MG/L AS P	COLIFORM TOTAL MF CNT /100ML	COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840124	1020	56412	4	0.5	0.142	0.003<	8.23	0.066	5800	7400	24.00	0.009
840214	1430	56425	4	1.0	0.152	0.003<	7.70	0.130	94000	180000	44.00	0.025
840327	1430	56438	4	1.0	0.044	0.003<	8.23	0.039			6.60	0.025
840523	1500	56451	8	19.0	0.056	0.003<	8.36	0.033			3.45	0.022
840605	0925	56464	9 8	17.0	0.076	0.003<	8.10	0.038			4.30	0.005
840724	1200	56490	8	23.0	0.036	0.003<	8.00	0.035			4.60	0.001<
840912	1315	56503	8	17.0	0.038	0.003<	8.00	0.058			4.20	0.002
841024	0905	56516	8		0.020	0.003<	8.22	0.047	4300<=>	30000	3.45	0.006
841127	1400	56529	8	3.5	0.052	0.003<	8.04	0.027			4.40	0.003
841219	1400	56542	8	1.0	0.062		8.10	0.061			7.70	

(C O N T D)

B.O.W./ SITE: CARP RIVER STATION ID: 18-3370-101-02
SAMPLE POINT: FIRST ROAD BRIDGE DNSTR OF CARP
STATION TYPE: RIVER MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: OTTAWA RIVER 006
TERM STREAM: CARP RIVER 2490

LAT: 45 21 04.64 LONG: 076 03 20.62 U T M: 18 0417300.0 5022300.0 4 REGION: 04 DISTANCE: 21.440

*=INTERIM TEST-NAME:		FWSTRC	FWTEMP	NNHTFR NH3-N TOTAL	PBUT LEAD	PH	PPUT PHOSPHOR	TCMF COLIFORM TOTAL	TCMFBK COLIFORM TOTAL MF	TURB	ZNUT ZINC
SAMPLE DATE HOUR YYMMDD LMT	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	FIL.REAC MG/L AS N	UNF.TOT. MG/L AS PB	PH	UNF.TOT. MG/L AS P	MF CNT /100ML	BCKGRD CNT /100ML	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
MAXIMUM			23.0	0.152		8.36	0.130	94000	180000	44.00	0.025
ARITH MEAN			9.2	0.068		8.10	0.053	34700	72467	10.67	0.012
GEOM MEAN			3.9	0.057		8.10	0.048	13284	34188	6.87	
MINIMUM			0.5	0.020		7.70	0.027	4300	7400	3.45	0.002
STD DEV (GEOM *)			9.5	0.045		0.18	0.030	5*	5*	13.24	
# SAMP IN STATISTICS			9	10		10	10	3	3	10	8
% SAMP (EXCLUDED)											11

B.O.W./ SITE: CARP RIVER
SAMPLE POINT: FIRST ROAD BRIDGE DNSTR OF KINBURN
STATION TYPE: RIVER

STATION ID: 18-3370-121-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: CARP RIVER

STORET CODE: 02
006
2490

LAT: 45 25 02.60 LONG: 076 11 55.77 U T M: 18 0406200.0 5029800.0 4 REGION: 04 DISTANCE: 8.320

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	COND25	CUUT	DO	FEUT	FWSTRC	FWTEMP
					ALK	ARSENIC	CONDUCT.	COPPER	DISOLVED	IRON		
SAMPLE			SAMPLE	PROJECT	TOTAL	UNF.TOT.	25C	UNF.TOT.	OXYGEN	UNF.TOT.		WATER
DATE	HOUR	SAMPLE	DEPTH	SUB-PROJ	MG/L	MG/L	UMHO/CM	MG/L	MG/L	MG/L	STREAM	TEMP
YYMMDD	LMT	NUMBER	M	CODE	AS CACO3	AS AS	AT 25 C	AS CU	AS O	AS FE	COND.	DEG.C
840523	1015	56450	0.30	0101	185.3	0.001<	502.0	0.002	10.00	0.435	8	17.0
840605	0950	56463	0.30	0101	198.2	0.001<	523.0	0.003	9.00	0.420	9 8	17.0
840724	1225	56489	0.30	0101	158.6	0.001<	541.0	0.001	9.00	0.225	7 8	24.0
840912	1255	56502	0.30	0101	221.8	0.001<	625.0	0.002	7.00	0.195	7 8	18.0
841024	0820	56515	0.30	0101	233.2	0.001<	692.0	0.002	8.70	0.315	8	
841127	1305	56528	0.30	0101	232.7	0.001<	645.0	0.002	12.10	0.305	8	1.0
841219	1330	56541	0.30	0101	195.0		588.0		11.20	1.550	4	0.5
		MAXIMUM	0.30		233.2		692.0	0.003	12.10	1.550		24.0
		ARITH MEAN	0.30		203.5		588.0	0.002	9.57	0.492		12.9
		GEOM MEAN			201.9		584.5	0.002	9.44	0.382		6.3
		MINIMUM	0.30		158.6		502.0	0.001	7.00	0.195		0.5
		STD DEV (GEOM *)			27.4		69.8	0.001	1.70	0.475		9.8
		# SAMP IN STATISTICS	7		7		7	6	7	7		6
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			NIUT	PBUT	PH	PHNOL	PPUT	TURB	ZNUT
			NICKEL	LEAD		PHENOLS	PHOSPHOR		ZINC
SAMPLE			UNF.TOT.	UNF.TOT.		UNF-REAC	UNF.TOT.		UNF.TOT.
DATE	HOUR	SAMPLE	MG/L	MG/L		UG/L	MG/L	TURB'ITY	MG/L
YYMMDD	LMT	NUMBER	AS NI	AS PB	PH	PHENOL	AS P	FTU	AS ZN
840523	1015	56450	0.002<	0.003<	8.21		0.042	5.85	0.023
840605	0950	56463	0.002<	0.003<	8.03	0.2<W	0.045	7.15	0.002
840724	1225	56489	0.002<	0.003<	8.00	-0.4<T	0.047	7.10	0.002
840912	1255	56502	0.002<	0.003<	7.92	0.2<W	0.060	6.60	0.003
841024	0820	56515	0.006	0.003<	8.19		0.061	4.70	0.004
841127	1305	56528	0.002<	0.003<	7.96	0.6<T	0.025	6.60	0.002
841219	1330	56541			8.11		0.106	28.00	
		MAXIMUM	0.006		8.21	0.6	0.106	28.00	0.023
		ARITH MEAN	0.006		8.06	0.1<A	0.055	9.43	0.006
		GEOM MEAN			8.06		0.051	7.77	0.004
		MINIMUM	0.006		7.92	-0.4	0.025	4.70	0.002
		STD DEV (GEOM *)			0.11		0.025	8.23	0.008
		# SAMP IN STATISTICS	1		7	4	7	7	6
		% SAMP (EXCLUDED)	83						

B.O.W./ SITE: MISSISSIPPI RIVER STATION ID: 18-3430-030-02
SAMPLE POINT: AT RAILWAY BRIDGE NORTH GALETTA
STATION TYPE: RIVER MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: OTTAWA RIVER 006
TERM STREAM: MISSISSIPPI RIVER 2670

LAT: 45 25 23.20 LONG: 076 15 09.47 U T M: 18 0402000.0 5030500.0 4 REGION: 04 DISTANCE: 3.701

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ALUT	ASUT	CAUR	CAUT	CDUT	CLIDUR	COND25
					ALK	ALUMINUM	ARSENIC	CALCIUM	CALCIUM	CADMIUM	CHLORIDE	CONDUCT.
SAMPLE			SAMPLE	PROJECT	TOTAL	UNF.TOT.	UNF.TOT.	UNF.REAC	UNF.TOT.	UNF.TOT.	UNF.REAC	25C
DATE	HOUR	SAMPLE	DEPTH	SUB-PROJ	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UMHO/CM
YYMMDD	LMT	NUMBER	M	CODE	AS CACO3	AS AL	AS AS	AS CA	AS CA	AS CD	AS CL-	AT 25 C
840328	0920	56435	0.30	0101	93.5	0.120	0.001<	25.20		0.0002<	6.65	230.0
840523	0915	56448	0.30	0101	86.1		0.001<	28.40			4.04	204.0
840605	1035	56461	0.30	0101	89.7	0.180	0.001<		25.000	0.0003<	3.78	206.0
840724	1310	56487	0.30	0101	92.2	0.140	0.001<	27.80		0.0002<	4.09	210.0
840912	1200	56500	0.30	0101	91.9	0.130	0.001<	27.70		0.0002<	4.12	210.0
841023	1700	56513	0.30	0101	95.1	0.120	0.001<	29.90		0.0002<	4.42	215.0
841127	1230	56526	0.30	0101	90.4	0.120	0.001<	28.30		0.0002<	4.40	210.0
841219	1210	56539	0.30	0101	95.2			31.70			6.96	230.0
		MAXIMUM	0.30		95.2	0.180		31.70	25.000		6.96	230.0
		ARITH MEAN	0.30		91.8	0.135		28.43	25.000		4.81	214.4
		GEOM MEAN			91.7	0.133		28.37			4.68	214.2
		MINIMUM	0.30		86.1	0.120		25.20	25.000		3.78	204.0
		STD DEV (GEOM *)			3.0	0.023		2.01			1.25	10.2
		# SAMP IN STATISTICS	8		8	6		7	1		8	8
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			CRUT	CUUT	DO	DOC	FEUT	FWSTRC	FWTEMP	HGUT	KKUR	MGUR
			CHROMIUM	COPPER	DISOLVED	CARBON DISOLVED	IRON			MERCURY	POTASSIM	MAGNESIM
SAMPLE			UNF.TOT.	UNF.TOT.	OXYGEN	ORGANIC	UNF.TOT.		WATER	UNF.TOT.	UNF.REAC	FIL.REAC
DATE	HOUR	SAMPLE	MG/L	MG/L	MG/L	MG/L	MG/L	STREAM	TEMP	UG/L	MG/L	MG/L
YYMMDD	LMT	NUMBER	AS CR	AS CU	AS O	AS C	AS FE	COND.	DEG.C	AS HG	AS K	AS MG
840328	0920	56435	0.001	0.002	12.00	6.2	0.175	8	0.5	0.01<	1.36	6.56
840523	0915	56448			9.00	6.3	0.265	8	16.5	0.02	1.18	6.36
840605	1035	56461	0.001	0.002	10.00	6.3	0.225	8	18.0	0.01	1.130	
840724	1310	56487	0.001	0.003	9.00	6.7	0.175	8	23.0	0.01<	0.98	6.30
840912	1200	56500	0.001	0.002	9.00	6.3	0.160	8	18.5	0.01	0.94	6.64
841023	1700	56513	0.002	0.002	9.80	6.1	0.185	8		1.10	1.28	6.50
841127	1230	56526	0.002	0.002	13.10	6.1	0.160	8	1.0	1.30U	1.26	5.90
841219	1210	56539			13.40	6.0	0.285	8	1.0		1.54	6.10
		MAXIMUM	0.002	0.003	13.40	6.7	0.285		23.0	1.30	1.54	6.64
		ARITH MEAN	0.001	0.002	10.66	6.2	0.204		11.2	0.49	1.21	6.34
		GEOM MEAN	0.001	0.002	10.52	6.2	0.199		4.9		1.19	6.33
		MINIMUM	0.001	0.002	9.00	6.0	0.160		0.5	0.01	0.94	5.90
		STD DEV (GEOM *)	0.001	0.000	1.88	0.2	0.049		9.9		0.20	0.26
		# SAMP IN STATISTICS	6	6	8	8	8		7	5	8	7
		% SAMP (EXCLUDED)								28		

(C O N T D)

B.O.W./ SITE: MISSISSIPPI RIVER
SAMPLE POINT: AT RAILWAY BRIDGE NORTH GALETTA
STATION TYPE: RIVER

STATION ID: 18-3430-030-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MISSISSIPPI RIVER

STORET CODE: 02
006
2670

LAT: 45 25 23.20 LONG: 076 15 09.47 U T M: 18 0402000.0 5030500.0 4 REGION: 04 DISTANCE: 3.701

*=INTERIM TEST-NAME:			MGUT	MNUT	NAUR	NIUT	NNHTFR	NNOTFR	NNO2FR	NNO3FR	NNTKUR	PBUT
			MAGNESIM	MANGANSE	SODIUM	NICKEL	NH3-N				K'DAHL N	
SAMPLE			UNF.TOT.	UNF.TOT.	UNF.REAC	UNF.TOT.	TOTAL	NO2+NO3N	NO2-N	NO3-N	TOTAL	LEAD
DATE	HOUR	SAMPLE	MG/L	MG/L	MG/L	MG/L	FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	UNF.REAC	UNF.TOT.
YYMMDD	LMT	NUMBER	AS MG	AS MN	AS NA	AS NI	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS PB
840328	0920	56435		0.0240	4.16	0.001<	0.110		0.0140	2.490	0.390	0.003<
840523	0915	56448		0.0330	3.06		0.012		0.0070		0.610	
840605	1035	56461	6.300	0.0290	2.650	0.001<	0.022		0.0060		0.630	0.003<
840724	1310	56487		0.0400	3.26	0.004	0.046	0.010<T	0.0015<T		0.480	0.003<
840912	1200	56500		0.0200	3.40	0.001<	0.026	0.015	0.0025		0.460	0.003<
841023	1700	56513		0.0220	3.00	0.001<	0.024	0.020	0.0030		0.450	0.003<
841127	1230	56526		0.0150	2.96	0.001<	0.040	0.085	0.0045		0.350	0.003<
841219	1210	56539		0.0160	4.46		0.060	0.210	0.0080		0.450	
		MAXIMUM	6.300	0.0400	4.46	0.004	0.110	0.210	0.0140	2.490	0.630	
		ARITH MEAN	6.300	0.0249	3.37	0.004	0.042	0.068<A	0.0058<A	2.490	0.477	
		GEOM MEAN		0.0236	3.32		0.034	0.035<A	0.0047<A		0.469	
		MINIMUM	6.300	0.0150	2.650	0.004	0.012	0.010	0.0015	2.490	0.350	
		STD DEV (GEOM *)		0.0086	0.63		0.031	0.085<A	0.0040<A		0.098	
		# SAMP IN STATISTICS	1	8	8	1	8	5	8	1	8	
		% SAMP (EXCLUDED)				83						

*=INTERIM TEST-NAME:			PH	PPUT	SEUT	SSO4UR	TURB	ZNUT
				PHOSPHOR	SELENIUM	SULPHATE		ZINC
SAMPLE				UNF.TOT.	UNF.TOT.	UNF.REAC		UNF.TOT.
DATE	HOUR	SAMPLE		MG/L	MG/L	MG/L	TURB'ITY	MG/L
YYMMDD	LMT	NUMBER	PH	AS P	AS SE	AS SO4	FTU	AS ZN
840328	0920	56435	7.99	0.017	0.001<	14.47	3.30	0.024
840523	0915	56448	8.00	0.025	0.001<	10.32	3.95	
840605	1035	56461	8.06	0.024	0.001<	8.40	4.45	0.003
840724	1310	56487	8.00	0.027	0.001<	9.20	4.80	0.004
840912	1200	56500	8.10	0.026	0.001<	9.23	4.40	0.002
841023	1700	56513	8.00	0.018	0.001<	10.04	2.85	0.006
841127	1230	56526	8.01	0.016	0.001<	10.27	3.60	0.003
841219	1210	56539	8.26	0.023	0.001<	11.75	5.40	
		MAXIMUM	8.26	0.027		14.47	5.40	0.024
		ARITH MEAN	8.05	0.022		10.46	4.09	0.007
		GEOM MEAN	8.05	0.022		10.32	4.02	0.005
		MINIMUM	7.99	0.016		8.40	2.85	0.002
		STD DEV (GEOM *)	0.09	0.004		1.90	0.83	0.008
		# SAMP IN STATISTICS	8	8		8	8	6
		% SAMP (EXCLUDED)						

B.O.W./ SITE: MISSISSIPPI RIVER
SAMPLE POINT: AT DAM BELOW PAKENHAM
STATION TYPE: RIVER

STATION ID: 18-3430-034-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MISSISSIPPI RIVER

STORET CODE: 02
006
2670

LAT: 45 20 10.73 LONG: 076 17 13.52 U T M: 18 0399150.0 5020900.0 4 REGION: 04 DISTANCE: 14.966

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	COND25	CUUT	DO	FEUT	FWSTRC	FWTEMP
					ALK	ARSENIC	CONDUCT.	COPPER	DISOLVED	IRON		
SAMPLE			SAMPLE	PROJECT	TOTAL	UNF.TOT.	25C	UNF.TOT.	OXYGEN	UNF.TOT.		WATER
DATE	HOUR	SAMPLE	DEPTH	SUB-PROJ	MG/L	MG/L	UMHO/CM	MG/L	MG/L	MG/L	STREAM	TEMP
YYMMDD	LMT	NUMBER	M	CODE	AS CACO3	AS AS	AT 25 C	AS CU	AS O	AS FE	COND.	DEG.C
840214	1345	56420	0.30	0101	95.8	0.001<	232.0	0.002	12.00	0.175	8	1.0
840327	0745	56433	0.30	0101	86.3	0.001<	230.0	0.002	11.00	0.495	4 8	
840522	0815	56446	0.30	0101	83.8	0.001<	196.0	0.001	9.00	0.205	8	17.0
840605	0855	56459	0.30	0101	88.1	0.001<	200.0	0.001	10.00	0.175	8	19.0
841023	0830	56511	0.30	0101	93.0	0.001<	210.0	0.001<	9.80	0.130	8	
841127	1050	56524	0.30	0101	86.7	0.001<	200.0	0.001	13.20	0.150	8	1.5
841219	1040	56537	0.30	0101	89.8		210.0		13.60	0.150	8	0.5
		MAXIMUM	0.30		95.8		232.0	0.002	13.60	0.495		19.0
		ARITH MEAN	0.30		89.1		211.1	0.001	11.23	0.211		7.8
		GEOM MEAN			89.0		210.7		11.11	0.190		3.0
		MINIMUM	0.30		83.8		196.0	0.001	9.00	0.130		0.5
		STD DEV (GEOM *)			4.1		14.6		1.76	0.127		9.3
		# SAMP IN STATISTICS	7		7		7	5	7	7		5
		% SAMP (EXCLUDED)						16				

*=INTERIM TEST-NAME:			NIUT	PBUT	PH	PHNOL	PPUT	TURB	ZNUT
			NICKEL	LEAD		PHENOLS	PHOSPHOR		ZINC
SAMPLE			UNF.TOT.	UNF.TOT.		UNF-REAC	UNF.TOT.		UNF.TOT.
DATE	HOUR	SAMPLE	MG/L	MG/L		UG/L	MG/L	TURB'ITY	MG/L
YYMMDD	LMT	NUMBER	AS NI	AS PB	PH	PHENOL	AS P	FTU	AS ZN
840214	1345	56420	0.002<	0.003<	7.79	1.2	0.019	1.60	0.003
840327	0745	56433	0.003	0.003<	8.10	-0.4<T	0.018	3.80	0.034
840522	0815	56446	0.002<	0.003<	8.04		0.020	2.50	0.024
840605	0855	56459	0.002<	0.003<	8.16	0.2<T	0.021	3.90	0.001
841023	0830	56511	0.008	0.003<	8.08	-0.4<T	0.015	2.40	0.001
841127	1050	56524	0.002<	0.004	8.20	0.8	0.015	2.40	0.008
841219	1040	56537			8.24		0.018	38.00	
		MAXIMUM	0.008	0.004	8.24	1.2	0.021	38.00	0.034
		ARITH MEAN	0.005	0.004	8.09	0.3<A	0.018	7.80	0.012
		GEOM MEAN			8.09		0.018	3.87	0.005
		MINIMUM	0.003	0.004	7.79	-0.4	0.015	1.60	0.001
		STD DEV (GEOM *)			0.15		0.002	13.34	0.014
		# SAMP IN STATISTICS	2	1	7	5	7	7	6
		% SAMP (EXCLUDED)	66	83					

B.O.W./ SITE: MISSISSIPPI RIVER
SAMPLE POINT: DOWNSTREAM OF ALMONTE
STATION TYPE: RIVER

STATION ID: 18-3430-040-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MISSISSIPPI RIVER

STORET CODE: 02
006
2670

LAT: 45 14 20.18 LONG: 076 12 39.57 U T M: 18 0404950.0 5009990.0 4 REGION: 04 DISTANCE: 28.485

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	BOD5	CLIDUR	COND25	CUUT	DO	FCMF	FSMF
					BOD					FECAL	FECAL
SAMPLE DATE YYMMDD	HOUR LMT / SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	5 DAY TOT.DEM. MG/L AS O	CHLORIDE UNF.REAC MG/L AS CL-	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	COLIFORM MF CNT /100ML	STREPCUS MF CNT /100ML
840214	0755 / 56419	0.30	0101	90.8	0.46	4.80	223.0	0.001	13.00	540	50<=>
840327	0820 / 56432	0.30	0101	81.3	0.38<T	4.24	205.0	0.002	12.00		
840522	1420 / 56445	0.30	0101	79.7	0.51	2.85	186.2	0.001	10.00		
840605	0855 / 56458	0.30	0101	83.0	0.43<T	2.99	193.0	0.001	9.00		
840724	1130 / 56484	0.30	0101	55.5	0.53	3.25	193.9	0.002	10.00		
840912	1105 / 56497	0.30	0101	83.6	0.51	3.13	190.0	0.001	11.00		
841023	0740 / 56510	0.30	0101	90.9	0.62	3.46	205.0	0.001	9.50	10<	30<=>
841127	0740 / 56523	0.30	0101	82.1	0.73	3.03	190.0	0.002	13.40		
841219	1000 / 56536	0.30	0101	83.2		4.33	198.0		13.20		
	MAXIMUM	0.30		90.9	0.73	4.80	223.0	0.002	13.40	540	50
	ARITH MEAN	0.30		81.1	0.52<A	3.56	198.2	0.001	11.23	540	40
	GEOM MEAN			80.4	0.51<A	3.51	198.0	0.001	11.12		39
	MINIMUM	0.30		55.5	0.38	2.85	186.2	0.001	9.00	540	30
	STD DEV (GEOM *)			10.4	0.11<A	0.71	11.4	0.001	1.71		1*
	# SAMP IN STATISTICS	9		9	8	9	9	8	9	1	2
	% SAMP (EXCLUDED)									50	

*=INTERIM TEST-NAME:		FWSTRC	FWTEMP	NNHTFR	PBUT	PH	PPUT	TCMF	TCMFBK	TURB	ZNUT
				NH3-N TOTAL				COLIFORM TOTAL	COLIFORM TOTAL MF		
SAMPLE DATE YYMMDD	HOUR LMT / SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	FIL.REAC MG/L AS N	LEAD UNF.TOT. MG/L AS PB	PH	PHOSPHOR UNF.TOT. MG/L AS P	MF CNT /100ML	BCKGRD CNT /100ML	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840214	0755 / 56419	8	1.0	0.068	0.003<	7.69	0.017	2300	5000	1.80	0.011
840327	0820 / 56432		1.0	0.012	0.003<	7.99	0.011			1.39	0.028
840522	1420 / 56445	8	16.5	0.022	0.003<	7.96	0.014			1.48	0.021
840605	0855 / 56458	8	19.0	0.034	0.003<	8.06	0.021			3.67	0.004
840724	1130 / 56484	5 9 8	24.0	0.046	0.003<	8.45	0.018			4.60	0.004
840912	1105 / 56497	9 8	19.0	0.026	0.003	8.34	0.013			4.70	0.003
841023	0740 / 56510	9 8		0.030	0.003<	7.97	0.014	200<=>	23600	2.50	0.002
841127	0740 / 56523	8	1.0	0.042	0.003<	8.11	0.016			1.94	0.002
841219	1000 / 56536	8	1.0	0.050		8.15	0.017			1.86	
	MAXIMUM		24.0	0.068	0.003	8.45	0.021	2300	23600	4.70	0.028
	ARITH MEAN		10.3	0.037	0.003	8.08	0.016	1250	14300	2.66	0.009
	GEOM MEAN		4.4	0.033		8.08	0.015	678	10863	2.40	0.006
	MINIMUM		1.0	0.012	0.003	7.69	0.011	200	5000	1.39	0.002
	STD DEV (GEOM *)		10.2	0.017		0.22	0.003	6*	3*	1.32	0.010
	# SAMP IN STATISTICS		8	9	1	9	9	2	2	9	8
	% SAMP (EXCLUDED)				87						

B.O.W./ SITE: MISSISSIPPI RIVER
SAMPLE POINT: BRIDGE AT APPLETON APPROX. 4.5KM DNSTR CARLETON PLACE STP
STATION TYPE: RIVER
STATION ID: 18-3430-061-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MISSISSIPPI RIVER
STORET CODE: 02 006 2670

LAT: 45 10 53.05 LONG: 076 07 28.19 U T M: 18 0411650.0 5003500.0 4 REGION: 04 DISTANCE: 49.882

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	BOD5	CLIDUR	COND25	CUUT	DO	FCMF	FSMF
					BOD					FECAL	FECAL
SAMPLE				ALK	5 DAY	CHLORIDE	CONDUCT.	COPPER	DISOLVED	COLIFORM	STREPCUS
DATE	HOUR	SAMPLE	SAMPLE	PROJECT	TOTAL	TOT.DEM.	UNF.REAC	25C	UNF.TOT.	OXYGEN	MF	MF
YYMMDD	LMT	NUMBER	DEPTH M	SUB-PROJ CODE	MG/L AS CACO3	MG/L AS O	MG/L AS CL-	UMHO/CM AT 25 C	MG/L AS CU	MG/L AS O	CNT /100ML	CNT /100ML
840214	0815	56418	0.30	0101	89.1	0.46	4.03	215.0	0.001	12.00	230	40<=>
840327	0840	56431	0.30	0101	78.8	0.27<T	3.82	195.0	0.001	11.00		
840522	1355	56444	0.30	0101	78.0	0.66	2.73	182.1	0.001<	11.00		
840605	1250	56457	0.30	0101	80.4	0.78	2.80	186.0	0.002	11.00		
840725	1110	56483	0.30	0101	86.1	0.52	3.01	195.0	0.001	9.00		
840911	1045	56496	0.30	0101	83.9	0.62	3.35	190.0	0.002	9.00		
841024	1045	56509	0.30	0101	87.1	0.90	3.15	195.0	0.001<	10.20		
841127	0820	56522	0.30	0101	78.5	0.76	2.85	182.0	0.001	12.80		
841219	0920	56535	0.30	0101	77.7		3.16	182.0		12.80		
	MAXIMUM		0.30		89.1	0.90	4.03	215.0	0.002	12.80	230	40
	ARITH MEAN		0.30		82.2	0.62<A	3.21	191.3	0.001	10.98	230	40
	GEOM MEAN				82.1	0.59<A	3.18	191.1		10.89		
	MINIMUM		0.30		77.7	0.27	2.73	182.0	0.001	9.00	230	40
	STD DEV (GEOM *)				4.4	0.20<A	0.45	10.5		1.42		
	# SAMP IN STATISTICS		9		9	8	9	9	6	9	1	1
	% SAMP (EXCLUDED)								25			

*=INTERIM TEST-NAME:		FWSTRC	FWTEMP	NNHTFR	PBUT	PH	PPUT	TCMF	TCMFBK	TURB	ZNUT
				NH3-N				COLIFORM	COLIFORM		
				TOTAL	LEAD		PHOSPHOR	TOTAL	TOTAL MF		ZINC
SAMPLE				WATER	FIL.REAC	UNF.TOT.		UNF.TOT.	MF	BCKGRD		UNF.TOT.
DATE	HOUR	SAMPLE	STREAM	TEMP	MG/L	MG/L		MG/L	CNT	CNT	TURB'ITY	MG/L
YYMMDD	LMT	NUMBER	COND.	DEG.C	AS N	AS PB	PH	AS P	/100ML	/100ML	FTU	AS ZN
840214	0815	56418	8	1.0	0.050	0.003<	7.56	0.015	3000	3800	1.80	0.005
840327	0840	56431	8	1.0	0.006	0.003<	7.98	0.009			1.21	0.026
840522	1355	56444		17.0	0.042	0.003<	7.98	0.023			1.90	0.019
840605	1250	56457	8	20.0	0.034	0.003<	8.09	0.024			1.52	0.004
840725	1110	56483	8	24.0	0.036	0.003<	8.20	0.016			1.68	0.004
840911	1045	56496	8	18.0	0.034	0.003	8.08	0.016			1.94	0.003
841024	1045	56509	8		0.030	0.003<	7.92	0.021			3.00	0.017
841127	0820	56522	8	1.0	0.036	0.003<	8.17	0.019			1.44	0.003
841219	0920	56535	8	1.0	0.030		8.21	0.014			88.00	
	MAXIMUM			24.0	0.050	0.003	8.21	0.024	3000	3800	88.00	0.026
	ARITH MEAN			10.4	0.033	0.003	8.02	0.017	3000	3800	11.39	0.010
	GEOM MEAN			4.4	0.030		8.02	0.017			2.71	0.007
	MINIMUM			1.0	0.006	0.003	7.56	0.009	3000	3800	1.21	0.003
	STD DEV (GEOM *)			10.2	0.012		0.20	0.005			28.73	0.009
	# SAMP IN STATISTICS			8	9	1	9	9	1	1	9	8
	% SAMP (EXCLUDED)					87						

B.O.W./ SITE: MISSISSIPPI RIVER
SAMPLE POINT: AT DALHOUSIE LAKE OUTLET
STATION TYPE: RIVER

STATION ID: 18-3430-175-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MISSISSIPPI RIVER

STORET CODE: 02
006
2670

LAT: 44 58 21.65 LONG: 076 32 18.89 U T M: 18 0378675.0 4980850.0 4 REGION: 04 DISTANCE: 102.995

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	COND25	CUUT	DO	FEUT	FWSTRC	FWTEMP	NNHTFR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	IRON UNF.TOT. MG/L AS FE	STREAM COND.	WATER TEMP DEG.C	NH3-N TOTAL FIL.REAC MG/L AS N
840123	1700	56401	0.30	0101	58.6	145.0	0.001<	13.00	0.050	8	1.0	0.048
840215	1530	56414	0.30	0101	52.1	131.0	0.001	14.00	0.085	8	1.0	0.356
840327	1230	56427	0.30	0101	50.9	132.0	0.001	11.00	0.065	4 8	1.0	0.012
840522	1015	56440	0.30	0101	52.9	128.9	0.001<	10.00	0.065	8	15.0	0.042
840605	1735	56453	0.30	0101	56.1	135.0	0.001	11.00	0.075	8	21.0	0.016
840725	0915	56479	0.30	0101	57.0	134.6	0.001<	8.00	0.045	7 8	22.0	0.016
840911	1430	56492	0.30	0101	56.5	132.0	0.001<	10.00	0.055	7 8	19.0	0.042
841024	1400	56505	0.30	0101	55.2	130.0	0.001<	10.20	0.085	8		0.014
841126	1425	56518	0.30	0101	52.7	126.0	0.002	12.40	0.055	8	33.5	0.010
841218	1320	56531	0.30	0101	52.6	125.0		12.60	0.120	8 7	1.0	0.034
	MAXIMUM		0.30		58.6	145.0	0.002	14.00	0.120		33.5	0.356
	ARITH MEAN		0.30		54.5	131.9	0.001	11.22	0.070		12.7	0.059
	GEOM MEAN				54.4	131.8		11.09	0.067		5.5	0.029
	MINIMUM		0.30		50.9	125.0	0.001	8.00	0.045		1.0	0.010
	STD DEV (GEOM *)				2.5	5.6		1.78	0.022		12.1	0.105
	# SAMP IN STATISTICS		10		10	10	4	10	10		9	10
	% SAMP (EXCLUDED)						55					

*=INTERIM TEST-NAME:		PBUT LEAD	PH	PHNOL PHENOLS	PPUT PHOSPHOR	RSP	TURB	ZNUT ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS PB	PH	UNF-REAC UG/L PHENOL	UNF.TOT. MG/L AS P	RESIDUE PARTIC. MG/L	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
840123	1700	56401	0.003<	8.11	0.2<W	0.004<T	0.250<T	1.10	0.004
840215	1530	56414	0.003<	7.60	1.0	0.010	1.490	0.63	0.004
840327	1230	56427	0.003<	7.90		0.011	0.640<T	0.69	0.018
840522	1015	56440	0.003<	7.93		0.014	1.056	1.28	0.029
840605	1735	56453	0.003<	8.09	0.6<T	0.064	2.288	1.55	0.001
840725	0915	56479	0.003<	8.59	-0.2<T	0.008	0.484	1.50	0.002
840911	1430	56492	0.003	8.13	0.2<W	0.011	0.508	1.50	0.092
841024	1400	56505	0.003<	8.10	0.2<W	0.010	0.802	1.15	0.002
841126	1425	56518	0.003<	8.02	1.0	0.008	1.132	1.02	0.005
841218	1320	56531		7.87	0.2<W	0.014	1.308	1.29	
	MAXIMUM		0.003	8.59	1.0	0.064	2.288	1.55	0.092
	ARITH MEAN		0.003	8.03	0.4<A	0.015<A	0.996<A	1.17	0.017
	GEOM MEAN			8.03		0.011<A	0.837<A	1.12	0.006
	MINIMUM		0.003	7.60	-0.2	0.004	0.250	0.63	0.001
	STD DEV (GEOM *)			0.25		0.017<A	0.601<A	0.32	0.029
	# SAMP IN STATISTICS		1	10	8	10	10	10	9
	% SAMP (EXCLUDED)		88						

B.O.W./ SITE: MISSISSIPPI RIVER
SAMPLE POINT: AT MAZINAW LAKE OUTLET
STATION TYPE: RIVER

STATION ID: 18-3430-230-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MISSISSIPPI RIVER

STORET CODE: 02
006
2670

LAT: 44 50 59.62 LONG: 077 10 12.89 U T M: 18 0328500.0 4968350.0 4 REGION: 04 DISTANCE: 169.298

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	COND25	CUUT	DO	FEUT	FWSTRC	FWTEMP	NNHITFR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	IRON UNF.TOT. MG/L AS FE	STREAM COND.	WATER TEMP DEG.C	NH3-N TOTAL FIL.REAC MG/L AS N
840123	1400	56400	0.30	0101	24.2	76.9	0.001<	11.00	0.040<T	8	1.0	0.014
840215	1350	56413	0.30	0101	25.2	77.2	0.001	14.00	0.055	8	2.0	0.198
840327	1050	56426	0.30	0101	22.7	80.0	0.001	10.00	0.155	8	1.0	0.008
840522	1150	56439	0.30	0101	22.4	74.5	0.001<	11.00	0.095	8	12.0	0.016
840605	1545	56452	0.30	0101	23.8	79.1	0.001	11.00	0.050	8	17.0	0.006
840725	1055	56478	0.30	0101	25.3	81.9	0.001<	7.00	0.040<T	8	21.5	0.016
840911	1215	56491	0.30	0101	27.5	86.0	0.001<	9.00	0.040<T	8	18.0	0.014
841126	1200	56517	0.30	0101	22.2	74.0	0.001	11.20	0.040<T	8	5.0	0.424
841218	1120	56530	0.30	0101	23.1	76.0	0.001<	10.50	0.085	8	3.0	0.020
		MAXIMUM	0.30		27.5	86.0	0.001	14.00	0.155		21.5	0.424
		ARITH MEAN	0.30		24.0	78.4	0.001	10.52	0.067<A		8.9	0.080
		GEOM MEAN			24.0	78.3		10.36	0.059<A		5.1	0.025
		MINIMUM	0.30		22.2	74.0	0.001	7.00	0.040		1.0	0.006
		STD DEV (GEOM *)			1.7	3.8		1.88	0.039<A		8.2	0.143
		# SAMP IN STATISTICS	9		9	9	4	9	9		9	9
		% SAMP (EXCLUDED)					55					

*=INTERIM TEST-NAME:		PBUT LEAD	PH	PHNOL PHENOLS	PPUT PHOSPHOR	RSP	TURB	ZNUT ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS PB	PH	UNF-REAC UG/L PHENOL	UNF.TOT. MG/L AS P	RESIDUE PARTIC. MG/L	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
840123	1400	56400	0.003<	7.75	0.2<W	0.006	0.880<T	2.70	0.012
840215	1350	56413	0.003	7.14	0.4<T	0.011	1.040	0.31	0.005
840327	1050	56426	0.003<	7.47	-0.2<T	0.004<T	3.080	1.32	0.023
840522	1150	56439	0.003<	7.43		0.008	2.345	1.75	0.025
840605	1545	56452	0.003<	7.70	0.8	0.012	0.772	1.60	0.002
840725	1055	56478	0.003<	7.80	0.2<W	0.002<T	0.873	1.91	0.002
840911	1215	56491	0.003<	7.91	0.2<W	0.008	0.844	1.20	0.021
841126	1200	56517	0.003<	7.53	0.8	0.004<T	0.612	1.27	0.012
841218	1120	56530	0.003<	7.57	0.2<W	0.006	1.764	1.40	0.004
		MAXIMUM	0.003	7.91	0.8	0.012	3.080	2.70	0.025
		ARITH MEAN	0.003	7.59	0.3<A	0.007<A	1.357<A	1.50	0.012
		GEOM MEAN		7.59		0.006<A	1.168<A	1.33	0.008
		MINIMUM	0.003	7.14	-0.2	0.002	0.612	0.31	0.002
		STD DEV (GEOM *)		0.23		0.003<A	0.854<A	0.64	0.009
		# SAMP IN STATISTICS	1	9	8	9	9	9	9
		% SAMP (EXCLUDED)	88						

B.O.W./ SITE: CLYDE RIVER
SAMPLE POINT: BELOW LANARK
STATION TYPE: RIVER

STATION ID: 18-3430-520-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MISSISSIPPI RIVER

STORET CODE: 02
006
2670

LAT: 45 00 44.08 LONG: 076 21 54.54 U T M: 18 0392425.0 4985000.0 4 REGION: 04 DISTANCE: 86.902

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ASUT	COND25	CUUT	DO	FEUT	FWSTRC	FWTEMP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	IRON UNF.TOT. MG/L AS FE	STREAM COND.	WATER TEMP DEG.C
840214	0900	56416	0.30	0101	120.9	0.001<	274.0	0.001	11.00	0.175	4	2.0
840327	1330	56429	0.30	0101	101.5	0.001<	240.0	0.001	11.00	0.115	4	1.0
840522	0920	56442	0.30	0101	95.6	0.001<	209.0	0.001	9.00	0.125	8 9	15.0
840606	0835	56455	0.30	0101	100.0	0.001<	216.0	0.001	9.00	0.105	9 8	19.0
840725	0835	56481	0.30	0101	118.4	0.001<	243.0	0.001	8.00	0.095	8	24.0
840911	1500	56494	0.30	0101	127.3	0.001<	270.0	0.001	7.00	0.070	8	18.5
841024	1240	56507	0.30	0101	139.2	0.001<	295.0	0.001	7.90	0.110	8	
841126	1630	56520	0.30	0101	135.2	0.001<	285.0	0.001	12.80	0.090	8	3.0
841218	1435	56533	0.30	0101	131.6	0.001<	280.0	0.001	11.40	0.135	8 4	0.5
	MAXIMUM	0.30		139.2		295.0	0.001	12.80	0.175		24.0
	ARITH MEAN	0.30		118.9		256.9	0.001	9.68	0.113		10.4
	GEOM MEAN			117.8		255.2	0.001	9.50	0.110		5.0
	MINIMUM	0.30		95.6		209.0	0.001	7.00	0.070		0.5
	STD DEV (GEOM *)			16.3		31.0	0.000	1.95	0.030		9.7
	# SAMP IN STATISTICS	9		9		9	9	9	9		8
	% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:		NIUT	PBUT	PH	PHNOL	PPUT	TURB	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	NICKEL UNF.TOT. MG/L AS NI	LEAD UNF.TOT. MG/L AS PB	PH	PHENOLS UNF-REAC UG/L PHENOL	PHOSPHOR UNF.TOT. MG/L AS P	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840214	0900	56416	0.002<	0.003<	7.49	0.2<W	0.014	1.70	0.002
840327	1330	56429	0.002<	0.003<	8.13	-0.2<T	0.009	1.17	0.027
840522	0920	56442	0.002<	0.003<	7.94		0.020	1.59	0.026
840606	0835	56455	0.002<	0.003<	7.99	0.8	0.015	1.94	0.001
840725	0835	56481	0.002<	0.003<	7.88	-0.4<T	0.015	1.95	0.002
840911	1500	56494	0.002<	0.003<	7.86	0.2<W	0.027	1.78	0.003
841024	1240	56507	0.002<	0.003<	8.04	-0.4<T	0.027	1.03	0.002
841126	1630	56520	0.002<	0.003<	8.08	1.0	0.011	1.72	0.002
841218	1435	56533	0.002<	0.003	7.70	0.6<T	0.012	1.64	0.002
	MAXIMUM		0.003	8.13	1.0	0.027	1.95	0.027
	ARITH MEAN		0.003	7.90	0.2<A	0.017	1.61	0.007
	GEOM MEAN			7.90		0.016	1.58	0.003
	MINIMUM		0.003	7.49	-0.4	0.009	1.03	0.001
	STD DEV (GEOM *)			0.20		0.007	0.32	0.011
	# SAMP IN STATISTICS		1	9	8	9	9	9
	% SAMP (EXCLUDED)		88					

B.O.W./ SITE: CLYDE RIVER
SAMPLE POINT: ABOVE LANARK
STATION TYPE: RIVER FLOW GAUGE FED 02KF010

STATION ID: 18-3430-530 02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MISSISSIPPI RIVER

STORET CODE: 02
006
2670

LAT: 45 01 48.92 LONG: 076 21 52.66 U T M: 18 0392500.0 4987000.0 4 REGION: 04 DISTANCE: 90.121

*=INTERIM TEST-NAME: SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	FWSADP SAMPLE DEPTH M	FGPROJ PROJECT SUB-PROJ CODE	ALKT ALK TOTAL MG/L AS CACO3	ASUT ARSENIC UNF.TOT. MG/L AS AS	COND25 CONDUCT. 25C UMHO/CM AT 25 C	CUUT COPPER UNF.TOT. MG/L AS CU	DO DISOLVED OXYGEN MG/L AS O	FEUT IRON UNF.TOT. MG/L AS FE	FWFLOW STREAM FLOW M3 /S	FWSTRC STREAM COND.
840214	0930	56417	0.30	0101					11.00		4.500	4
840522	0902	56443	0.30	0101	95.5	0.001<	209.0	0.001	11.00	0.130	13.100	8
840606	0815	56456	0.30	0101	99.0	0.001<	211.0	0.001	9.00	0.095		8 9
840725	0820	56482	0.30	0101	117.8	0.001<	240.0	0.001	8.00	0.105		7 8
840911	1520	56495	0.30	0101	125.1	0.001<	260.0	0.001	9.00	0.065		7 8
841024	1210	56508	0.30	0101	134.4	0.001<	280.0	0.001<	8.00	0.120		8
841126	1600	56521	0.30	0101	132.5	0.001<	275.0	0.001	12.20	0.115		8
841218	1505	56534	0.30	0101	131.1	0.001<	277.0		12.00	0.155		8 4
		MAXIMUM	0.30		134.4		280.0	0.001	12.20	0.155	13.100	
		ARITH MEAN	0.30		119.3		250.3	0.001	10.02	0.112	8.800	
		GEOM MEAN			118.4		248.6		9.89	0.109	7.678	
		MINIMUM	0.30		95.5		209.0	0.001	8.00	0.065	4.500	
		STD DEV (GEOM *)			16.1		30.7		1.73	0.028	6.081	
		# SAMP IN STATISTICS	8		7		7	5	8	7	2	
		% SAMP (EXCLUDED)						16				

*=INTERIM TEST-NAME: SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	FWTEMP WATER TEMP DEG.C	NIUT NICKEL UNF.TOT. MG/L AS NI	PBUT LEAD UNF.TOT. MG/L AS PB	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	PPUT PHOSPHOR UNF.TOT. MG/L AS P	TURB TURB'ITY FTU	ZNUT ZINC UNF.TOT. MG/L AS ZN
840214	0930	56417	2.0			7.92		0.022	1.54	0.026
840522	0902	56443	15.0	0.002<	0.003	8.05	0.2<T	0.014	1.68	0.003
840606	0815	56456	19.0	0.002<	0.003<	7.87	-0.4<T	0.016	1.24	0.003
840725	0820	56482	22.0	0.002<	0.003<	7.75	0.4<T	0.015	1.43	0.002
840911	1520	56495	18.0	0.002<	0.003<	7.82	-0.2<T	0.022	1.45	0.002
841024	1210	56508		0.002<	0.003<	8.16	1.2	0.012	1.48	0.004
841126	1600	56521	4.0	0.002<	0.003<	7.78	0.8	0.013	1.58	
841218	1505	56534	0.5							
		MAXIMUM	22.0		0.003	8.16	1.2	0.022	1.68	0.026
		ARITH MEAN	11.5		0.003	7.91	0.3<A	0.016	1.49	0.007
		GEOM MEAN	6.4			7.91		0.016	1.48	0.004
		MINIMUM	0.5		0.003	7.75	-0.4	0.012	1.24	0.002
		STD DEV (GEOM *)	9.0			0.15		0.004	0.14	0.010
		# SAMP IN STATISTICS	7		1	7	6	7	7	6
		% SAMP (EXCLUDED)			83					

B.O.W./ SITE: BENNETT LAKE OUTLET
SAMPLE POINT: AT OUTLET DAM NEAR FALLBROOK
STATION TYPE: RIVER

STATION ID: 18-3430-610-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MISSISSIPPI RIVER

STORET CODE: 02
006
2670

LAT: 44 56 51.99 LONG: 076 24 39.02 U T M: 18 0388700.0 4977900.0 4 REGION: 04 DISTANCE: 88.351

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ASUT	COND25	CUUT	DO	FEUT	FWSTRC	FWTEMP
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL. MG/L AS CACO3	ARSENIC UNF.TOT. MG/L AS AS	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	IRON UNF.TOT. MG/L AS FE	STREAM COND.	WATER TEMP DEG.C
840215	1600	56415	0.30	0101	95.8	0.001<	230.0	0.002	12.00	0.085	8	2.0
840327	1300	56428	0.30	0101	89.3	0.001<	223.0	0.001	11.00	0.265	4 8	1.0
840522	0745	56441	0.30	0101	87.2	0.001<	206.0	0.001	9.00	0.070	8	16.5
840605	1800	56454	0.30	0101	88.8	0.001<	210.0	0.001	11.00	0.040<T	8	23.0
840725		56480	0.30	0101	89.1	0.001<	210.0	0.001<	9.00	0.030<T	8	23.0
840911	1405	56493	0.30	0101	85.0	0.001<	205.0	0.001<	10.00	0.085	8	18.5
841024	1320	56506	0.30	0101	99.8	0.001<	235.0	0.001	9.90	0.090	8	
841218	1355	56532	0.30	0101	109.2	0.001<	255.0	0.002	11.80	0.075	8	2.5
		MAXIMUM	0.30		109.2		255.0	0.002	12.00	0.265		23.0
		ARITH MEAN	0.30		93.0		221.7	0.001	10.46	0.092<A		12.4
		GEOM MEAN			92.7		221.2		10.41	0.076<A		7.0
		MINIMUM	0.30		85.0		205.0	0.001	9.00	0.030		1.0
		STD DEV (GEOM *)			8.1		17.5		1.17	0.073<A		10.1
		# SAMP IN STATISTICS	8		8		8	6	8	8		7
		% SAMP (EXCLUDED)						25				

*=INTERIM TEST-NAME:			NIUT	PBUT	PH	PHNOL	PPUT	TURB	ZNUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	NICKEL UNF.TOT. MG/L AS NI	LEAD UNF.TOT. MG/L AS PB	PH	PHENOLS UNF-REAC UG/L PHENOL	PHOSPHOR UNF.TOT. MG/L AS P	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
840215	1600	56415	0.002	0.003<	7.43	0.2<W	0.011	0.64	0.003
840327	1300	56428	0.002	0.003<	8.02	-0.8<T	0.011	1.48	0.022
840522	0745	56441	0.002<	0.003	7.99		0.018	5.85	0.030
840605	1800	56454	0.002<	0.003<	8.20	0.6<T	0.018	3.78	0.001
840725		56480	0.002<	0.003<	8.36	-0.4<T	0.014	0.72	0.003
840911	1405	56493	0.002<	0.003<	8.04	0.2<W	0.011	1.96	0.026
841024	1320	56506	0.002<	0.003<	8.40	-0.2<T	0.015	1.29	0.003
841218	1355	56532	0.002<	0.003<	7.73	0.8	0.016	1.07	0.003
		MAXIMUM	0.002	0.003	8.40	0.8	0.018	5.85	0.030
		ARITH MEAN	0.002	0.003	8.02	0.1<A	0.014	2.10	0.011
		GEOM MEAN			8.02		0.014	1.59	0.006
		MINIMUM	0.002	0.003	7.43	-0.8	0.011	0.64	0.001
		STD DEV (GEOM *)			0.32		0.003	1.81	0.012
		# SAMP IN STATISTICS	2	1	8	7	8	8	8
		% SAMP (EXCLUDED)	75	87					

B.O.W./ SITE: MADAWASKA RIVER
SAMPLE POINT: AT HIGHWAY NO.17 ARNPRIOR
STATION TYPE: RIVER

STATION ID: 18-3490-020-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MADAWASKA RIVER

STORET CODE: 02
006
2710

LAT: 45 26 02.92 LONG: 076 21 02.44 U T M: 18 0394350.0 5031850.0 4 REGION: 04 DISTANCE: 1.127

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	ALUT	ASUT	CAUR	CAUT	CDUT	CLIDUR	COND25
					ALK	ALUMINUM	ARSENIC	CALCIUM	CALCIUM	CADMIUM	CHLORIDE	CONDUCT.
SAMPLE			SAMPLE	PROJECT	TOTAL	UNF.TOT.	UNF.TOT.	UNF.REAC	UNF.TOT.	UNF.TOT.	UNF.REAC	25C
DATE	HOUR	SAMPLE	DEPTH	SUB-PROJ	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UMHO/CM
YYMMDD	LMT	NUMBER	M	CODE	AS CACO3	AS AL	AS AS	AS CA	AS CA	AS CD	AS CL-	AT 25 C
840328	0850	56434	0.30	0101	38.1	0.150	0.001<	12.50		0.0002<	2.32	105.5
840523	0845	56447	0.30	0101	47.7	0.180	0.001<	17.00		0.0003<	2.18	123.9
840605	1100	56460	0.30	0101	35.1	0.110	0.001<		15.000	0.0003<	1.82	122.0
840724		56486	0.30	0101	45.9	0.110	0.001<	15.70		0.0002<	1.74	118.0
840912	1140	56499	0.30	0101	45.9	0.066	0.001<	14.90		0.0002<	1.94	118.0
841023	0920	56512	0.30	0101	46.2	0.081	0.001<	15.40		0.0002<	1.91	117.0
841127	1135	56525	0.30	0101	41.5	0.120	0.001<	13.50		0.0002<	1.92	107.0
841219	1130	56538	0.30	0101	39.2			14.10			2.00	113.0
		MAXIMUM	0.30		47.7	0.180		17.00	15.000		2.32	123.9
		ARITH MEAN	0.30		42.4	0.117		14.73	15.000		1.98	115.5
		GEOM MEAN			42.2	0.111		14.66			1.97	115.4
		MINIMUM	0.30		35.1	0.066		12.50	15.000		1.74	105.5
		STD DEV (GEOM *)			4.6	0.039		1.50			0.19	6.6
		# SAMP IN STATISTICS	8		8	7		7	1		8	8
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			CRUT	CUUT	DO	DOC	FEUT	FWSTRC	FWTEMP	HGUT	KKUR	MGUR
			CHROMIUM	COPPER	DISOLVED	CARBON DISOLVED	IRON			MERCURY	POTASSIM	MAGNESIM
SAMPLE			UNF.TOT.	UNF.TOT.	OXYGEN	ORGANIC	UNF.TOT.		WATER	UNF.TOT.	UNF.REAC	FIL.REAC
DATE	HOUR	SAMPLE	MG/L	MG/L	MG/L	MG/L	MG/L	STREAM	TEMP	UG/L	MG/L	MG/L
YYMMDD	LMT	NUMBER	AS CR	AS CU	AS O	AS C	AS FE	COND.	DEG.C	AS HG	AS K	AS MG
840328	0850	56434	0.001	0.003	13.00	4.7	0.150	8	0.5	0.01	0.80	2.36
840523	0845	56447	0.001<	0.001	10.00	5.4	0.205	8	13.0	0.01	0.88	3.08
840605	1100	56460	0.001<	0.001	11.00	5.1	0.180		15.0	0.01<	0.890	
840724		56486	0.001	0.002	8.00	5.1	0.180	8	22.0	0.01<	0.84	2.84
840912	1140	56499	0.001<	0.001<	10.00	4.8	0.215	8	19.0	0.01	0.92	3.14
841023	0920	56512	0.001<	0.001<	9.50	4.6	0.160	8		1.10	0.90	2.92
841127	1135	56525	0.001	0.002	11.20	4.5	0.175	8	5.5	1.20U	0.88	2.92
841219	1130	56538			12.70	4.5	0.170	8	1.0		0.88	2.52
		MAXIMUM	0.001	0.003	13.00	5.4	0.215		22.0	1.20	0.92	3.14
		ARITH MEAN	0.001	0.002	10.67	4.8	0.179		10.9	0.47	0.87	2.83
		GEOM MEAN			10.56	4.8	0.178		5.8		0.87	2.81
		MINIMUM	0.001	0.001	8.00	4.5	0.150		0.5	0.01	0.80	2.36
		STD DEV (GEOM *)			1.66	0.3	0.022		8.6		0.04	0.29
		# SAMP IN STATISTICS	3	5	8	8	8		7	5	8	7
		% SAMP (EXCLUDED)	57	28						28		

(C O N T D)

B.O.W./ SITE: MADAWASKA RIVER
SAMPLE POINT: AT HIGHWAY NO.17 ARNPRIOR
STATION TYPE: RIVER

STATION ID: 10-3490-020-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MADAWASKA RIVER

STORET CODE: 02
006
2710

LAT: 45 26 02.92 LONG: 076 21 02.44 U T M: 18 0394350.0 5031850.0 4 REGION: 04 DISTANCE: 1.127

*=INTERIM TEST-NAME:			MGUT	MNUT	NAUR	NIUT	NNHTFR	NNOTFR	NNO2FR	NNO3FR	NNTKUR	PBUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	MAGNESIM UNF.TOT. MG/L AS MG	MANGANSE UNF.TOT. MG/L AS MN	SODIUM UNF.REAC MG/L AS NA	NICKEL UNF.TOT. MG/L AS NI	NH3-N TOTAL FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	K'DAHL N TOTAL UNF.REAC MG/L AS N	LEAD UNF.TOT. MG/L AS PB
840328	0850	56434		0.0160	2.06	0.001	0.050		0.0190	3.630	0.240	0.003<
840523	0845	56447		0.0250	2.00	0.001<	0.010		0.0040		0.470	0.003<
840605	1100	56460	3.000	0.0240	2.260	0.001<	0.018		0.0040		0.310	0.003<
840724		56486		0.0370	1.96	0.002	0.022	0.020	0.0010<T		0.300	0.003<
840912	1140	56499		0.0240	2.36	0.001<	0.028	0.015	0.0025		0.310	0.003<
841023	0920	56512		0.0240	2.06	0.001<	0.012	0.020	0.0050		0.260	0.003<
841127	1135	56525		0.0170	2.10	0.001<	0.022	0.030	0.0025		0.260	0.003<
841219	1130	56538		0.0140	2.00		0.020	0.055	0.0020		0.240	
		MAXIMUM	3.000	0.0370	2.36	0.002	0.050	0.055	0.0190	3.630	0.470	
		ARITH MEAN	3.000	0.0226	2.10	0.001	0.023	0.028	0.0050<A	3.630	0.299	
		GEOM MEAN		0.0217	2.10		0.020	0.025	0.0034<A		0.292	
		MINIMUM	3.000	0.0140	1.96	0.001	0.010	0.015	0.0010	3.630	0.240	
		STD DEV (GEOM *)		0.0072	0.14		0.012	0.016	0.0058<A		0.075	
		# SAMP IN STATISTICS	1	8	8	2	8	5	8	1	8	
		% SAMP (EXCLUDED)				71						

*=INTERIM TEST-NAME:			PH	PPUT PHOSPHOR UNF.TOT. MG/L AS P	SEUT SELENIUM UNF.TOT. MG/L AS SE	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	TURB TURB'ITY FTU	ZNUT ZINC UNF.TOT. MG/L AS ZN
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PH					
840328	0850	56434	7.37	0.012	0.001<	11.53	2.20	0.036
840523	0845	56447	7.84	0.013	0.001<	8.55	2.20	0.023
840605	1100	56460	7.88	0.013	0.001<	8.71	4.30	0.002
840724		56486	7.77	0.013	0.001<	9.68	3.60	0.002
840912	1140	56499	8.00	0.015	0.001<	9.54	4.80	0.001
841023	0920	56512	7.76	0.012	0.001<	9.57	2.70	0.004
841127	1135	56525	7.81	0.013	0.001<	9.10	3.20	0.003
841219	1130	56538	8.21	0.010	0.001<	9.04	3.60	
		MAXIMUM	8.21	0.015		11.53	4.80	0.036
		ARITH MEAN	7.83	0.013		9.46	3.32	0.010
		GEOM MEAN	7.83	0.013		9.43	3.21	0.005
		MINIMUM	7.37	0.010		8.55	2.20	0.001
		STD DEV (GEOM *)	0.24	0.001		0.93	0.94	0.014
		# SAMP IN STATISTICS	8	8		8	8	7
		% SAMP (EXCLUDED)						

B.O.W./ SITE: BONNECHERE RIVER
SAMPLE POINT: COUNTY ROAD 3 2 MILES EAST OF CASTLEFORD
STATION TYPE: RIVER FLOW GAUGE FED 02KC009

STATION ID: 18-3690-010-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: BONNECHERE RIVER

STORET CODE: 02
006
2905

LAT: 45 30 52.41 LONG: 076 33 24.49 U T M: 18 0378400.0 5041075.0 4 REGION: 04 DISTANCE: 0.805

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ALUT	ASUT	CAUR	CDUT	CLIDUR	COND25	CRUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ALUMINUM UNF.TOT. MG/L AS AL	ARSENIC UNF.TOT. MG/L AS AS	CALCIUM UNF.REAC MG/L AS CA	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	CONDUCT. 25C UMHO/CM AT 25 C	CHROMIUM UNF.TOT. MG/L AS CR
840109	1200	55300	0.30	0101	57.1	0.081	0.001<	16.9	0.0002<	4.26	154.0	0.001<W
840305	1200	55304	0.30	0101	67.5	0.071	0.001<	21.80	0.0002<	4.52	174.0	0.014U
840402	1200	55306	0.30	0101	79.5	1.200	0.001<	23.30	0.0003<	7.38	205.0	0.002
840611	1200	55308	0.30	0101	72.9		0.001<	22.30		4.80	181.2	
841022	1000	55309	0.30	0101	77.5	0.099	0.001<	22.20	0.0002<	6.83	200.0	0.002
841126	1000	55311	0.30	0101	96.6	0.130	0.001<	28.20	0.0002<	9.60	245.0	0.002
	MAXIMUM		0.30		96.6	1.200		28.20		9.60	245.0	0.014
	ARITH MEAN		0.30		75.2	0.316		22.4		6.23	193.2	0.004<A
	GEOM MEAN				74.2	0.155		22.2		5.96	191.1	0.003<A
	MINIMUM		0.30		57.1	0.071		16.9		4.26	154.0	0.001
	STD DEV (GEOM *)				13.2	0.495		3.6		2.09	31.4	0.005<A
# SAMP IN STATISTICS			6		6	5		6		6	6	5
% SAMP (EXCLUDED)												

*=INTERIM TEST-NAME:		CUUT	DO	DOC	FEUT	FWFLOW	FWSTRC	FWTEMP	HGUT	KKUR	MGUR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C	IRON UNF.TOT. MG/L AS FE	STREAM FLOW M3 /S	STREAM COND.	WATER TEMP DEG.C	MERCURY UNF.TOT. UG/L AS HG	POTASSIM UNF.REAC MG/L AS K	MAGNESIM FIL.REAC MG/L AS MG
840109	1200	55300	0.089	16.00	5.3	0.105	14.200	4	1.0	0.08	1.26	4.54
840305	1200	55304	0.079	11.00	5.5	0.190	30.300	4	1.0	0.06	1.22	5.40
840402	1200	55306	0.069	13.00	4.9	2.000	48.100	4	1.0	0.06	2.26	6.48
840611	1200	55308			6.3	0.320	15.100	8		0.01	1.36	5.84
841022	1000	55309	0.003	13.00	4.2	0.200	5.360		13.0	0.01	1.76	6.16
841126	1000	55311	0.003	13.00	5.6	0.200	6.790	8	3.0	0.01	1.68	7.82
	MAXIMUM		0.089	16.00	6.3	2.000	48.100		13.0	0.08	2.26	7.82
	ARITH MEAN		0.049	13.20	5.3	0.502	19.975		3.8	0.04	1.59	6.04
	GEOM MEAN		0.021	13.11	5.3	0.283	14.996		2.1	0.03	1.55	5.96
	MINIMUM		0.003	11.00	4.2	0.105	5.360		1.0	0.01	1.22	4.54
	STD DEV (GEOM *)		0.042	1.79	0.7	0.737	16.384		5.2	0.03	0.40	1.10
# SAMP IN STATISTICS			5	5	6	6	6		5	6	6	6
% SAMP (EXCLUDED)												

(CONTD)

B.O.W./ SITE: BONNECHERE RIVER
SAMPLE POINT: COUNTY ROAD 3 2 MILES EAST OF CASTLEFORD
STATION TYPE: RIVER FLOW GAUGE FED 02KC009

STATION ID: 18-3690-010 02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: BONNECHERE RIVER

STORET CODE: 02
006
2905

LAT: 45 30 52.41 LONG: 076 33 24.49 U T M: 18 0378400.0 5041075.0 4 REGION: 04 DISTANCE: 0.805

*=INTERIM TEST-NAME:			MNUT	NAUR	NIUT	NNHTFR	NNOTFR	NNO2FR	NNO3FR	NNTKUR	PBUT	PH
			MANGANSE	SODIUM	NICKEL	NH3-N TOTAL				K'DAHL N TOTAL	LEAD	
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS MN	UNF.REAC MG/L AS NA	UNF.TOT. MG/L AS NI	FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	UNF.REAC MG/L AS N	UNF.TOT. MG/L AS PB	PH
840109	1200	55300	0.0090	3.65	0.001	0.030		0.0040	0.071	0.360	0.004	7.82
840305	1200	55304	0.0120	3.50	0.001<	0.010		0.0020	0.123	0.280	0.003<	7.70
840402	1200	55306	0.0580	6.60	0.003	0.042		0.0200	0.490	0.520	0.003<	7.71
840611	1200	55308	0.0300	3.86		0.062		0.0055		0.440		7.85
841022	1000	55309	0.0290	5.06	0.001<	0.066	0.105	0.0170		0.420	0.025	7.80
841126	1000	55311	0.0200	7.10	0.001<	0.082	0.125	0.0060		0.450	0.011	7.93
		MAXIMUM	0.0580	7.10	0.003	0.082	0.125	0.0200	0.490	0.520	0.025	7.93
		ARITH MEAN	0.0263	4.96	0.002	0.049	0.115	0.0091	0.228	0.412	0.013	7.80
		GEOM MEAN	0.0219	4.76		0.040	0.115	0.0067	0.162	0.404		7.80
		MINIMUM	0.0090	3.50	0.001	0.010	0.105	0.0020	0.071	0.280	0.004	7.70
		STD DEV (GEOM *)	0.0177	1.57		0.026	0.014	0.0075	0.228	0.083		0.09
		# SAMP IN STATISTICS	6	6	2	6	2	6	3	6	3	6
		% SAMP (EXCLUDED)			60						40	

*=INTERIM TEST-NAME:			PPUT	SEUT	SSO4UR	TURB	ZNUT
			PHOSPHOR	SELENIUM	SULPHATE		ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS P	UNF.TOT. MG/L AS SE	UNF.REAC MG/L AS SO4	TURB'ITY FTU	UNF.TOT. MG/L AS ZN
840109	1200	55300	0.022	0.001<	11.81	1.60	0.008
840305	1200	55304	0.014	0.001<	12.80	4.20	0.005
840402	1200	55306	0.060	0.001<	11.90		0.009
840611	1200	55308	0.025	0.001<	10.80	6.50	
841022	1000	55309	0.020	0.001<	12.23	2.70	0.008
841126	1000	55311	0.023	0.001<	15.15	8.50	0.007
		MAXIMUM	0.060		15.15	8.50	0.009
		ARITH MEAN	0.027		12.45	4.70	0.007
		GEOM MEAN	0.024		12.38	3.98	0.007
		MINIMUM	0.014		10.80	1.60	0.005
		STD DEV (GEOM *)	0.016		1.48	2.81	0.002
		# SAMP IN STATISTICS	6		6	5	5
		% SAMP (EXCLUDED)					

B.O.W./ SITE: PETAWAWA RIVER
SAMPLE POINT: HIGHWAY 17 BRIDGE PETAWAWA
STATION TYPE: RIVER FLOW GAUGE FED 02KB001

STATION ID: 18-4930-020 02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: PETAWAWA RIVER

STORET CODE: 02 006 4350

LAT: 45 54 12.65 LONG: 077 17 08.60 U T M: 18 0322700.0 5085650.0 4 REGION: 04 DISTANCE: 2.897

*=INTERIM TEST-NAME:			FWSADP	FWDPTS	FGPROJ	ALKT	ALUT	ASUT	CAUR	CDUT	CLIDUR	COND25
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	WATER DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CACO3	ALUMINUM UNF.TOT. MG/L AS AL	ARSENIC UNF.TOT. MG/L AS AS	CALCIUM UNF.REAC MG/L AS CA	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL-	CONDUCT. 25C UMHO/CM AT 25 C
840124	1400	55438	0.30		0101	11.2						48.8
840320	1100	55448	0.30		0101	12.7						48.5
840410	1300	55440	0.30		0101	17.5	0.084	0.001<	4.20	0.0002<	0.58	47.5
840508	1100	55437	0.30		0101	11.0						45.2
840610	1100	55444	0.30	4.00	0101	13.9	0.022	0.001<	4.30	0.0002<	1.80	49.2
840626	1500	55443	0.30		0101	12.7	0.020	0.001<	3.60	0.0002<	0.69	44.7
840807	1100	55445	0.30		0101	13.1						46.1
841009	1100	55447	0.30		0101	13.4						50.0
841120	1130	55448	0.30		0101	12.2	0.023	0.001<	3.50	0.0002	0.75	48.0
841218	1100	55449	0.30		0101	37.6						90.0
		MAXIMUM	0.30	4.00		37.6	0.084		4.30	0.0002	1.80	90.0
		ARITH MEAN	0.30	4.00		15.5	0.037		3.90	0.0002	0.95	51.8
		GEOM MEAN				14.4	0.030		3.88		0.86	50.7
		MINIMUM	0.30	4.00		11.0	0.020		3.50	0.0002	0.58	44.7
		STD DEV (GEOM *)				8.0	0.031		0.41		0.57	13.5
		# SAMP IN STATISTICS	10	1		10	4		4	1	4	10
		% SAMP (EXCLUDED)								75		

*=INTERIM TEST-NAME:			CRUT	CUUT	DO	DOC	FEUT	FWFLOW	FWSTRC	FWTEMP	HGUT	KKUR
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	CARBON DISOLVED ORGANIC MG/L AS C	IRON UNF.TOT. MG/L AS FE	STREAM FLOW M3 /S	STREAM COND.	WATER TEMP DEG.C	MERCURY UNF.TOT. UG/L AS HG	POTASSIM UNF.REAC MG/L AS K
840124	1400	55438		0.003	10.20		0.360	29.500	8	3.0	0.03U	
840320	1100	55448		0.002	8.00		0.160	45.400	8	4.0	0.07U	
840410	1300	55440	0.001<	0.002	8.00	5.9	0.240	180.000	8	4.0	0.03U	0.60
840508	1100	55437		0.032			0.770	146.000			0.08	
840610	1100	55444	0.001<	0.012	8.50	4.9	0.190	104.000	8	21.0	0.01<	0.62
840626	1500	55443	0.001<	0.013	8.00	5.1	0.210	51.700	8	6.0	0.01	0.58
840807	1100	55445		0.025	9.00		0.180	24.400	8	24.0	0.01<	
841009	1100	55447		0.011	7.00		0.145	13.800	8	6.0	0.06	
841120	1130	55448	0.001<	0.002		4.6	0.185	46.500			0.01	0.68
841218	1100	55449		0.002<	8.00		0.150	44.600	8	9.0	0.01U	
		MAXIMUM		0.032	10.20	5.9	0.770	180.000		24.0	0.08	0.68
		ARITH MEAN		0.011	8.34	5.1	0.259	68.590		9.6	0.04	0.62
		GEOM MEAN			8.29	5.1	0.223	51.536		7.3		0.62
		MINIMUM		0.002	7.00	4.6	0.145	13.800		3.0	0.01	0.58
		STD DEV (GEOM *)			0.94	0.6	0.190	55.805		8.2		0.04
		# SAMP IN STATISTICS		9	8	4	10	10		8	8	4
		% SAMP (EXCLUDED)		10							20	

(C O N T D)

B.O.W./ SITE: PETAWAWA RIVER
SAMPLE POINT: HIGHWAY 17 BRIDGE PETAWAWA
STATION TYPE: RIVER FLOW GAUGE FED 02KB001

STATION ID: 18-4930-020-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: PETAWAWA RIVER

STORET CODE: 02
006
4350

LAT: 45 54 12.65 LONG: 077 17 08.60 U T M: 18 0322700.0 5085650.0 4 REGION: 04 DISTANCE: 2.897

*=INTERIM TEST-NAME:			MGUR	MNUT	NAUR	NIUT	NNHTFR	NNOTFR	NNO2FR	NNO3FR	NNTKUR	PBUT
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	MAGNESIM FIL.REAC MG/L AS MG	MANGANSE UNF.TOT. MG/L AS MN	SODIUM UNF.REAC MG/L AS NA	NICKEL UNF.TOT. MG/L AS NI	NH3-N TOTAL FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	K'DAHL N TOTAL UNF.REAC MG/L AS N	LEAD UNF.TOT. MG/L AS PB
840124	1400	55438					0.046					0.003<
840320	1100	55448					0.008					0.003<
840410	1300	55440	1.26	0.0260	1.86	0.002<	0.022		0.0040	0.131	0.290	0.003<
840508	1100	55437					0.032					0.003<
840610	1100	55444	1.26	0.0230	2.20	0.001<	0.028	0.065	0.0020		0.280	0.003<
840626	1500	55443	1.28	0.0240	1.56	0.001<	0.062	0.010	0.0025		0.480	0.003<
840807	1100	55445					0.014					0.003<
841009	1100	55447					0.020					0.003<
841120	1130	55448	0.92	0.0130	1.66	0.001<	0.076	0.170	0.0015<T		0.310	0.003<
841218	1100	55449					0.022					0.004<
		MAXIMUM	1.28	0.0260	2.20		0.076	0.170	0.0040	0.131	0.480	
		ARITH MEAN	1.18	0.0215	1.82		0.033	0.082	0.0025<A	0.131	0.340	
		GEOM MEAN	1.17	0.0208	1.80		0.027	0.048	0.0023<A		0.332	
		MINIMUM	0.92	0.0130	1.56		0.008	0.010	0.0015	0.131	0.280	
		STD DEV (GEOM *)	0.17	0.0058	0.28		0.022	0.081	0.0011<A		0.094	
		# SAMP IN STATISTICS	4	4	4		10	3	4	1	4	
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:			PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	PPUT PHOSPHOR UNF.TOT. MG/L AS P	RSP RESIDUE PARTIC. MG/L	SEUT SELENIUM UNF.TOT. MG/L AS SE	SSO4UR SULPHATE UNF.REAC MG/L AS SO4	TURB TURB'ITY FTU	ZNUT ZINC UNF.TOT. MG/L AS ZN
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PH							
840124	1400	55438	7.00		0.023	1.610			2.20	0.005
840320	1100	55448	7.03		0.007	8.530			0.87	0.005
840410	1300	55440	7.05		0.024		0.001<	7.13	1.21	0.017
840508	1100	55437	6.65	0.2<W	0.072	38.710			9.10	0.004
840610	1100	55444	7.27		0.005		0.001<	8.55	1.31	0.002
840626	1500	55443	6.99		0.020		0.001<	7.55	1.93	0.005
840807	1100	55445	7.23		0.014	1.138			4.20	0.003<
841009	1100	55447	7.57		0.006	0.044<T			1.17	0.004
841120	1130	55448	7.23		0.003<T		0.001<	8.11	1.11	0.009
841218	1100	55449	9.54		0.008	3.908			0.68	0.002
		MAXIMUM	9.54	0.2	0.072	38.710		8.55	9.10	0.017
		ARITH MEAN	7.36	0.2<A	0.018<A	8.990<A		7.83	2.38	0.006
		GEOM MEAN	7.32		0.012<A	2.169<A		7.82	1.70	
		MINIMUM	6.65	0.2	0.003	0.044		7.13	0.68	0.002
		STD DEV (GEOM *)	0.80		0.020<A	14.869<A		0.62	2.57	
		# SAMP IN STATISTICS	10	1	10	6		4	10	9
		% SAMP (EXCLUDED)								10

RIVER BASIN	STREAM	SAMPLE POINT DESCRIPTION	DISTANCE	LOCATION CODE	C.O.M. INDEX	PAGE NO.
BAY OF QUINTE(PICTON	MARSH CREEK	AT BRIDGE STREET, PICTON	0.000	17-0008-002-02	4 B-01	10
BLACK RIVER	BLACK RIVER	AT COUNTY ROAD 17	7.725	06-0172-001-02	2 E-01	9
BLOOMFIELD CREEK	BLOOMFIELD CREEK	AT CHURCH STREET BLOOMFIELD	5.954	06-0163-001-02	2 D-01	7
BONNECHERE RIVER	BONNECHERE RIVER	COUNTY ROAD 3 2 MILES EAST OF CASTLEFORD	0.805	18-3690-010-02	5 J-03	163
BUTLERS CREEK	BUTLERS CREEK	HIGHWAY 2, BROCKVILLE	0.483	12-0034-001-02	3 G-01	26
CARP RIVER	CARP RIVER	FIRST ROAD BRIDGE DNSTR OF CARP	21.440	18-3370-101-02	5 K-02	148
	CARP RIVER	FIRST ROAD BRIDGE DNSTR OF KINBURN	8.320	18-3370-121-02	5 L-02	150
CATARAQUI RIVER	CATARAQUI RIVER	HIGHWAY 2, KINGSTON (CENTRE)	0.805	12-0004-001-02	3 C-01	18
	CATARAQUI RIVER	AT DAM, KINGSTON MILLS	8.207	12-0004-002-02	3 D-01	20
CONSECON CREEK	CONSECON CREEK	AT MILL DAM CONSECON	0.322	06-0157-001-02	2 A-01	1
	CONSECON CREEK	AT COUNTY ROAD 2 ALLISONVILLE	14.001	06-0157-002-02	2 B-01	3
	CONSECON CREEK	AT HIGHWAY 14	22.852	06-0157-003-02	2 C-01	5
DELISLE RIVER	DELISLE RIVER	AT CNR TRESTLE DNSTR.OF ALEXANDRIA	44.578	12-0086-001-02	3 M-01	34
	DELISLE RIVER	AT FIRST BRIDGE UPSTR.OF ALEXANDRIA	46.509	12-0086-002-02	3 A-02	36
	GARRY RIVER	AT CNR TRESTLE ALEXANDRIA	48.279	12-0086-003-02	3 B-02	37
	GARRY RIVER	AT FIRST BRIDGE UPSTR.OF ALEXANDRIA	50.049	12-0086-004-02	3 C-02	38
DEMORESTVILLE CREEK	DEMORESTVILLE CREEK	AT COUNTY ROAD 14	4.828	17-0014-001-02	4 C-01	42
GANANOQUE RIVER	GANANOQUE RIVER	AT RR TRESTLE CANADIAN STEEL GANANOQUE	0.966	12-0017-001-02	3 E-01	22
	GANANOQUE RIVER	HIGHWAY 32, 2 MILES NORTH OF HIGHWAY 401	6.115	12-0017-004-02	3 F-01	24
LITTLE CATARAQUI CRE	LITTLE CATARAQUI CREEK	HIGHWAY 2, 1 MILE SOUTHEAST OF CATARAQUI	4.345	12-0002-004-02	3 A-01	15
	LITTLE CATARAQUI CREEK	AT RESERVOIR OUTLET DAM	8.207	12-0002-008-02	3 B-01	17
MADAWASKA RIVER	MADAWASKA RIVER	AT HIGHWAY NO.17 ARNPRIOR	1.127	18-3490-020-02	5 I-03	161
MILLHAVEN CREEK	MILLHAVEN CREEK	FIRST CONCESSION ROAD SOUTH OF ODESSA	6.437	06-0180-004-02	2 F-01	11
	MILLHAVEN CREEK	AT COUNTY ROAD 6	10.782	06-0180-005-02	2 G-01	13

RIVER BASIN	STREAM	SAMPLE POINT DESCRIPTION	DISTANCE	LOCATION CODE	C.O.M. INDEX	PAGE NO.
MISSISSIPPI RIVER	BENNETT LAKE OUTLET	AT OUTLET DAM NEAR FALLBROOK	88.351	18-3430-610-02	5 H-03	160
	CLYDE RIVER	BELOW LANARK	86.902	18-3430-520-02	5 F-03	158
	CLYDE RIVER	ABOVE LANARK	90.121	18-3430-530-02	5 G-03	159
	MISSISSIPPI RIVER	AT RAILWAY BRIDGE NORTH GALETTA	3.701	18-3430-030-02	5 M-02	151
	MISSISSIPPI RIVER	AT DAM BELOW PAKENHAM	14.966	18-3430-034-02	5 A-03	153
	MISSISSIPPI RIVER	DOWNSTREAM OF ALMONTE	28.485	18-3430-040-02	5 B-03	154
	MISSISSIPPI RIVER	BRIDGE AT APPLETON APPROX. 4.5KM DNSTR CARLETON PLACE STP	49.882	18-3430-061-02	5 C-03	155
	MISSISSIPPI RIVER	AT DALHOUSIE LAKE OUTLET	102.995	18-3430-175-02	5 D-03	156
	MISSISSIPPI RIVER	AT MAZINAW LAKE OUTLET	169.298	18-3430-230-02	5 E-03	157
MOIRA RIVER	BLACK RIVER	HIGHWAY 7 2 MILES EAST OF ACTINOLITE	62.763	17-0026-010-02	4 K-02	85
	CLARE RIVER	1ST.BRIDGE UPSTR.OF STOCO LAKE TWEED	52.785	17-0026-007-02	4 H-02	78
	DEER CREEK	SEYMOUR ST., MADOC	74.832	17-0026-012-02	4 M-02	89
	MOIRA RIVER	FOOTBRIDGE NORTH OF HIGHWAY 2 BELLEVILLE	1.127	17-0026-001-02	4 C-02	69
	MOIRA RIVER	BRIDGE IN CANNIFTON	6.276	17-0026-002-02	4 D-02	72
	MOIRA RIVER	AT STOCO LAKE OUTLET	43.773	17-0026-003-02	4 E-02	75
	MOIRA RIVER	STOCO BRIDGE HUNGERFORD TOWNSHIP	47.796	17-0026-004-02	4 F-02	76
	MOIRA RIVER	JAMESON STREET TWEED	50.210	17-0026-006-02	4 G-02	77
	MOIRA RIVER	HWY 62 BRIDGE	71.453	17-0026-011-01	4 L-02	87
	MOIRA RIVER	HWY 7	92.696	17-0026-013-02	4 A-03	91
	MOIRA RIVER	BRIDGE AT MALONE	100.742	17-0026-019-02	4 B-03	93
	SKOOTAMOTTA RIVER	HIGHWAY 7 NEAR ACTINOLITE	60.671	17-0026-009-02	4 J-02	82
	SULPHIDE CREEK	UPSTREAM FROM STOCO LAKE HUNGERFORD TWP	52.785	17-0026-008-02	4 I-02	81
NAPANEE RIVER	NAPANEE RIVER	DNSTR. FROM NAPANEE, RIVER ROAD	5.633	17-0035-001-02	4 E-03	98

RIVER BASIN	STREAM	SAMPLE POINT DESCRIPTION	DISTANCE	LOCATION CODE	C.O.M. INDEX	PAGE NO.
NAPANEE RIVER	NAPANEE RIVER	MINK BRIDGE UPSTREAM FROM HIGHWAY 401	14.806	17-0035-002-02	4 F-03	100
	NAPANEE RIVER	AT BRIDGE IN TOWN OF NEWBURGH	22.530	17-0035-004-02	4 G-03	102
OTTAWA RIVER	OTTAWA RIVER	CHANNEL 1 AND 2 HAWKESBURY	109.432	18-0000-051-82	5 A-01	104
	OTTAWA RIVER	PERLEY BRIDGE, HAWKESBURY MAIN CHANNEL	109.432	18-0000-078-83	5 B-01	106
	OTTAWA RIVER	AT LEMIEUX ISLAND BRIDGE TO FILTRATION PLANT	209.368	18-0000-133-02	5 C-01	108
	OTTAWA RIVER	AT CHATS FALLS 900' FROM P/Q SHORE	263.281	18-0000-170-02	5 D-01	110
	OTTAWA RIVER	AT CHENAUX DAM 800' FROM P/Q SHORE	303.514	18-0000-240-02	5 E-01	112
PETAWAWA RIVER	PETAWAWA RIVER	HIGHWAY 17 BRIDGE PETAWAWA	2.897	18-4930-020-02	5 K-03	165
PICTON CREEK	PICTON CREEK	AT CONSERVATION AREA POUND	1.287	17-0008-001-02	4 A-01	39
RAISIN RIVER	NORTH RAISIN RIVER	AT FIRST UPSTREAM OF MARTINTOWN	25.266	12-0073-011-02	3 K-01	32
	RAISIN RIVER	1ST.BEND DOWNSTREAM FROM WILLIAMSTOWN	9.495	12-0073-003-02	3 H-01	28
	RAISIN RIVER	1ST.BRIDGE DOWNSTREAM FROM ST.ANDREWS	32.669	12-0073-008-02	3 I-01	29
	RAISIN RIVER	AT COUNTY ROAD NO 18 EAST OF LUNENBURG	56.004	12-0073-010-02	3 J-01	31
	SOUTH RAISIN RIVER	AT CO.RD.NO.20 SOUTH OF CASHIONGLEN	17.863	12-0073-015-02	3 L-01	33
RIDEAU RIVER	JOCK RIVER	AT QUEEN STREET RICHMOND	44.256	18-0033-017-02	5 H-01	118
	JOCK RIVER	AT HOODIE DRIVE BRIDGE	33.313	18-0033-036-02	5 C-02	134
	KEMPTVILLE CREEK	HIGHWAY 43, KEMPTVILLE	56.165	18-0033-003-02	5 F-01	114
	RIDEAU RIVER	AT DAM IN KILMARNOCK	88.190	18-0033-026-02	5 J-01	121
	RIDEAU RIVER	DNSTR.FROM CONFLUENCE WITH JOCK RIVER	24.461	18-0033-028-02	5 K-01	123
	RIDEAU RIVER	AT BRIDGE DOWNSTREAM OF KARS	38.945	18-0033-029-02	5 L-01	125
	RIDEAU RIVER	AT HOG'S BACK ROAD OTTAWA	11.426	18-0033-031-02	5 M-01	127
	RIDEAU RIVER	ST. PATRICK STREET BRIDGE OTTAWA	1.609	18-0033-034-02	5 A-02	129
	RIDEAU RIVER	AT NICOLSON'S LOCK ANDREWSVILLE	73.545	18-0033-035-02	5 B-02	132

RIVER BASIN	STREAM	SAMPLE POINT DESCRIPTION	DISTANCE	LOCATION CODE	C.O.M. INDEX	PAGE NO.
RIDEAU RIVER	RIDEAU RIVER	AT LONG ISLAND GAUGING STATION	25.910	18-0033-037-02	5 D-02	136
	TAY RIVER	1 MILE DOWNSTREAM FROM PERTH LAGOONS	114.099	18-0033-008-02	5 G-01	116
	TAY RIVER	AT DAM IN BOLINGBROKE	151.596	18-0033-023-02	5 I-01	119
SALMON RIVER	SALMON RIVER	DUNDAS ST., SHANNONVILLE	2.897	17-0031-001-02	4 C-03	94
	SALMON RIVER	AT BRIDGE IN MILLTOWN	4.989	17-0031-002-02	4 D-03	96
SAMGUIN CREEK	SAMGUIN CREEK	AT COUNTY ROAD 28	8.851	17-0016-001-02	4 D-01	44
SOUTH NATION RIVER	CASTOR RIVER	AT CONC RD.NO.5 RUSSELL TWP.	82.396	18-2070-140-02	5 I-02	145
	CASTOR RIVER	AT CONC.RD.NO.3 RUSSELL TWP.	85.615	18-2070-145-02	5 J-02	146
	SCOTCH RIVER EAST	AT CONC.17 DOWNSTREAM FROM ST.ISIDORE	48.601	18-2070-040-02	5 F-02	141
	SCOTCH RIVER EAST	AT CONC.19 UPSTREAM FROM ST.ISIDORE	51.015	18-2070-060-02	5 G-02	143
	SOUTH NATION RIVER	HIGHWAY 17 PLANTAGENET	10.300	18-2070-020-02	5 E-02	138
	SOUTH NATION RIVER	AT DAM DOWNSTREAM OF CASSELMAN	62.763	18-2070-100-02	5 H-02	144
TRENT RIVER	BEAVER CREEK	AT BRIDGE ON ROAD TO CORDOVA MINES	78.212	17-0021-095-02	4 A-02	66
	BENTLEY CREEK	DNSTR. OF MADAWASKA MINE TAILINGS 70 1	188.288	17-0021-063-02	4 J-01	52
	BENTLEY CREEK	UPSTR.OF MADAWASKA MINE TAILINGS 70 2	189.576	17-0021-064-02	4 K-01	53
	BOW LAKE OUTLET	AT HWY.28 SOUTH-WEST OF BANCROFT 71 3	185.391	17-0021-062-02	4 I-01	51
	COLD CREEK.	HIGHWAY 33 BRIDGE IN FRANKFORD	12.070	17-0021-046-02	4 G-01	49
	CROWE RIVER	HIGHWAY 7, MARMORA	75.798	17-0021-003-02	4 E-01	46
—	CROWE RIVER	AT HWY.NO.28 PAUDASH LAKE OUTLET 76 1	172.034	17-0021-089-02	4 H-01	65
	RAWDON CREEK	AT HWY.NO.33 SOUTH OF STIRLING	24.783	17-0021-047-02	4 H-01	50
	TRENT RIVER	HIGHWAY 401 BRIDGE NEAR TRENTON.	3.862	17-0021-045-02	4 F-01	48
	TRENT RIVER	NEW HIGHWAY 2 BRIDGE TRENTON	0.805	17-0021-068-83	4 L-01	54
	TRENT RIVER	AT GLEN ROSS BRIDGE	23.013	17-0021-118-02	4 B-02	68